The new OEM Partnership Catalog contains more than 200 products that use Polaroid films or components made by Original Equipment Manufacturers (OEMs). We have updated the 2000 and Beyond catalog to include a number of new products and product revisions that provide increased value.

The OEM Partnership Catalog is designed to be a handy reference. We have organized the catalog so that similar products are grouped together. The products are arranged alphabetically by major application, then by speciality, then by manufacturer's name, and finally by product name.

We have included a number of indexes in the back, so you can easily find a product by application, product name, or the name of the manufacturer or distributor. We have also included descriptions of Polaroid film holders and camera backs, a reference guide to Polaroid films, and a list of the Polaroid OEM managers you can contact for more information. Addresses and telephone numbers of manufacturers and distributors are provided with each product description.

For more information
You and your customers can use the automated Market Fax-Back System to quickly and easily obtain accurate product information, 24 hours a day. To use the Market Fax-Back System, the customer calls 800-392-1170 (international users should dial 011-1-781-386-9314 and the internal number is 781-386-9314). A recorded voice prompts the caller to enter a four-digit document number to receive information on a particular product category, such as Professional Photography or Piezo Transducers (ext. 500 provides a directory of product category numbers). The caller is prompted to provide a telephone and fax number, and the information is automatically faxed shortly thereafter.

In addition, we have added a fax-back sheet at the end of the catalog. If you have a specific question on a particular product, you can simply fill in the sheet and fax it to 781-386-6246.

World Wide Web

As always, we continue to look for new and more efficient ways to reach our customers. We hope you and your customers find the catalog, Market Fax-Back System, and World Wide Web enjoyable and useful ways to get results!
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Close-Up Photography

Close-Up Cameras/
Small Object Photography

Page 1

Paramount Systems
Instant Macrocam Model 600-10 Camera
AcmeL Co., Ltd.
2-3-7, Hirakawa-cho, Chiyoda-ku, Tokyo, Japan
Telephone: 81 03 (3264) 5111, Fax: 81 03 (3239) 7230

**AcmeL Macro Auto V-6**
This macro camera features one-touch selection of seven variable adapters (5.0X, 3.0X, 2.0X, 1.65X, 1.0X, 0.5X and 0.25X). Creates accurate pictures using harmless focus beams.

**Other features:** Built-in electronic shutter and electronic flash. Film holder can be turned 90° for horizontal or vertical orientation.

**Applications:** General medical purposes, record-keeping, patient education, laboratory data, thesis data, law enforcement, ISO 9000 compliance, etc.

**Specifications:** Weight - 2.0 kg, Dimensions - 235 x 190 x 300 mm, Electrical input - four 1.5V AM2 alkaline batteries.

**Film:** Polaroid Film Type 339.

**Pricing:** Contact Polaroid Corporation.

**Sourcing:** Contact Polaroid Corporation.

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AcmeL Co., Ltd.
2-3-7, Hirakawa-cho, Chiyoda-ku, Tokyo, Japan
Telephone: 81 03 (3264) 5111, Fax: 81 03 (3239) 7230

**AcmeL Macro Auto 10X**
This hand-held macro camera (10X magnification) features a built-in electronic shutter and electronic flash ring.

**Applications:** Hair care salons, beauty salons and cosmetic boutiques, for customer consultation regarding skin conditions.

**Specifications:** Weight - 1.8 kg, Dimensions - 235 (W) x 315 (L) x 190 (H) mm, Electrical input - Four 1.5V AM2 alkaline batteries.

**Film:** Polaroid Film Types 600/779.

**Pricing:** Contact the manufacturer or Polaroid Corporation.

**Sourcing:** Contact the manufacturer.

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*See also Dentistry under Medical Imaging (page 40), and Slide Printers and Print Copiers under Special Applications (page 81).
**Vincam**

The NPC Vincam System is designed to provide consistently exposed, accurate, automatic photographs of the Vehicle Identification Number (VIN) on automobile EPA plates. It uses a unique light-tight hood with diffuser and built-in close-up diopter lens.

**Other features:** The Polaroid Sun 600 LMS camera functions normally when hood is removed.

**Specifications:**
- **Weight:** 0.45 kg
- **Dimensions:** 178 x 152 x 127 mm
- The photograph meets the Reierson Amendment of New York State Regulation 79 (when an owner of a private passenger automobile files a physical damage insurance claim).

**Film:** Polaroid Film Types 600/779.

**Pricing:** Contact the manufacturer.

**Sourcing:** Contact the manufacturer.

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**MacroMaster II**

The MacroMaster II table-top copier is designed to take enlargements of small objects at 1:1, 1.5:1 and 2:1. It features ThermoBack, halogen illumination, a development timer and an electronic shutter.

**Applications:** Jewelry certification, law enforcement, pathology, stamp and coin catalog photography. Works well with B&W film and the Polaroid Photocopy kit to produce screened B&W pictures for ads or fax use.

**Specifications:**
- **Dimensions:** 350 x 350 x 250 mm
- **Electrical inputs:** 220VAC (110VAC on request).

**Film:** All Polaroid 3 1/4 x 4 1/4 in. pack films.

**Pricing:** Contact the manufacturer or Polaroid Corporation.

**Sourcing:** Contact the manufacturer.
**Close-Up Photography**

**Paramount Photo**
N. 2713 Monroe Street, Spokane, WA 99205
Telephone: (509) 326-4173, Fax: (509) 328-0137

**Instant Macrocam Model 600-10**
The Model 600-10 Instant Macrocam is the only camera specifically designed for fast, easy recording of G.M. option sheet codes, eliminating the tedious task of handwriting the numerous 3-digit codes.

**Other features:** A unique periscopic optical design that allows the camera to record inside the glove boxes of trucks and vans. Focus and exposure is pre-set by placing the framing spacer near the option sheet and firing the camera’s built-in electronic flash. Excellent depth of focus; images are still sharp up to 5 cm away from the normal focus point.

- **Film:** Polaroid Film Type 600.
- **Pricing:** Contact the manufacturer.
- **Sourcing:** Contact the manufacturer.

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**Shackman Instruments, Ltd.**
Unitek House, Oxford Road, Tatling End, Gerrards Cross, Bucks., England SL9 7BB
Telephone: 44-1753-890-500, Fax: 44-1753-480-803

**CopiQwik**
This easy-to-use copy camera can take over 100 photos on four AA batteries. To use it, simply turn on the camera, wait for the ready light, place the camera over the subject to be photographed and take the picture. The camera includes a tripod socket and PC outlet.

**Other features:** Accessories include a handy pistol grip, polarizing filters for photographing glossy photos, and a neutral density filter for use with Type 667 B&W film.

**Applications:** Forensics, medical, quality control and law enforcement.

**Specifications:** Weight - 1.4 kg, Dimensions - 254 (H) x 114 (W) x 178 (D) mm, Electrical inputs - 110 VAC or 220 VAC adaptor available, four AA batteries.

- **Film:** All Polaroid 3 1/4 x 4 1/4 in. pack films.
- **Pricing:** Contact the manufacturer or Polaroid Corporation.
- **Sourcing:** Contact the manufacturer.
Identification Photography

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Shackman Instruments Ltd.
Multishot 106 Camera

Cambo Fotografische Industrie
Cambo Passportrait Camera Model PP 40

Acme Co., Ltd.
Portrait Model 2
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Polacolor Pro 100 Film
Model CB-33 Camera Back
The Polaroid Model CB-33 Camera Back is a motorized processing back for Polaroid AutoFilm self-developing professional films. Construction is of ABS resin. The CB-33 is available in 5 volt and 12 volt versions. Note: It needs to be modified with an adapter to attach to an imaging device.

PID 615405 (5 volt)
PID 615403 (12 volt)

Film compatibility: Accepts the following Polaroid Professional AutoFilms: Black and White Positive Type 331 Film, High Speed B&W AutoFilm Type 337, High Speed Color AutoFilm Type 339.

Model CB-72 Camera Back
The Model CB-72 is a motorized camera back that provides automatic film processing for Polaroid’s self-developing 3 1/8 x 3 1/8 in. square professional integral films. The camera back is powered either by the battery built into the film pack, or by a separate power source. Note: It needs to be modified with an adapter to attach to an imaging device.

PID 605769

Film compatibility: Accepts the following Polaroid integral films: Time Zero Color Instant Type 778 Film, Time Zero Color Instant Type 708 Film (no battery), High Speed Color Instant Type 779 Film, 600 Plus High Speed Color Instant Film.
Model CB-103 Camera Back
The Polaroid Model CB-103 Camera Back is a processing back for all Polaroid 3 1/4 x 4 1/4 in. professional pack films. It provides a light-tight film chamber and high-performance developer spread system. It is especially designed for efficient processing with a more accessible film tab slot and easier tab pulling. Includes a version with an electronic switch and pin for a development timer. Construction is of phenylene oxide resin with various finishes and mounting options. Note: It needs to be modified with an adapter to attach to an imaging device. Consult Polaroid for your special needs and PID numbers.

Film compatibility: Accepts the following Polaroid 3 1/4 x 4 1/4 in. pack films: Keep Recording Type 611 Film, Polapan Pro B&W Proofing Film Type 664, Positive/Negative Type 665 Film; High Speed Type 667 Film, Polapan 400, Polacolor Pro 100 Type 679, ProVivid Type 689, Polacolor ER Type 669 Film, Polacolor Pro 64 Tungsten, ID films.
Model 405 Pack Film Holder
The Polaroid Model 405 Film Holder fits most 4 x 5 cameras or instruments equipped with spring backs or Graflock backs. There is no need to alter the camera, film plane or focusing system.

PID 607951

Film compatibility: Accepts the following Polaroid 3 1/4 x 4 1/4 in. pack films: Video Image Recording Type 611 Film, Polapan Pro B&W Proofing Film Type 664, Positive/Negative Type 665 Film, High Speed Type 667 Film, Polapan 400, Polacolor Pro 100 Type 679, ProVivid Type 689, Polacolor ER Type 669 Film, Polacolor Pro 64 Tungsten.

Model 550 4x5 Pack Film Holder
The Polaroid Model 550 Film Holder fits many 4 x 5 cameras or instruments which accept conventional 4 x 5 film holders. There is no need to alter the camera, film plane or focusing system.

PID 604030

Film compatibility: Accepts the following Polaroid Professional 4 x 5 pack films: Polapan Type 572 Film; Black and White Type 553 Film; Polapan Pro 100 Type 554 Film; Polacolor ER Type 559 Film.
Model 545i 4x5 Sheet Film Holder
The Polaroid Model 545i 4 x 5 Film Holder enables you to use Polaroid 4 x 5 sheet films in most 4 x 5 field or view cameras that are equipped with spring-backs, lock-backs and similar backs, without making any alteration to the camera or focusing system. It also can be used with instruments (such as microscope and oscilloscope cameras) equipped with similar backs.

PID 614503

Film compatibility: Accepts the following Polaroid Professional 4 x 5 Sheet films: High Contrast Type 51 Film, Polapan Type 52 Film, Black and White Type 53 Film, Polapan Pro 100 Type 54 Film, Positive/Negative Type 55 P/N Film, Polapan 400, High Speed Type 57 Film, Polacolor ER Type 59 Film, Polacolor Pro 100 Type 79, Polacolor Pro 64 Tungsten.

The 8x10 System
The Polaroid 8x10 System comprises the Model 81-06 film holder, the Model 81-09 loading tray and the 8x10 film processor. This self-contained large-format instant photographic system requires no darkroom, no chemical solutions and no time-consuming processing procedures. The film holder can be used on most 8x10 cameras that take standard 8x10 film holders. It can also be used on specially adapted copy cameras and other cameras of extra large format, as well as on a variety of technical imaging devices. The processor is available in 110-120VAC and 220-240VAC versions. PID# 617568

Film compatibility: Black and White Type 803 Film, Polacolor ER Type 809.

For more information call: 1-800-225-1618 or write:
Polaroid Corporation
OEM Marketing
400 Boston Post Road-2
P.O. Box 438
Wayland, MA 01778-0438

www.polaroid-oem.com
## Film Type Chart

### Instant self-developing film

<table>
<thead>
<tr>
<th>Film type</th>
<th>ISO speed</th>
<th>Square format</th>
<th>Auto-Film</th>
<th>Square format</th>
<th>3 1/4x4 1/4 pack</th>
<th>4x5 pack</th>
<th>4x5 sheet</th>
<th>8x10 sheet</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>B&amp;W films</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>High speed (no coating)</td>
<td>3000/36°</td>
<td>337</td>
<td></td>
<td>87° Viva 3000°</td>
<td>667</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Med-high speed (no coating)</td>
<td>800/30°</td>
<td></td>
<td></td>
<td></td>
<td>672</td>
<td>553</td>
<td>53</td>
<td>803</td>
</tr>
<tr>
<td>Polapan (no coating)</td>
<td>400/27°</td>
<td></td>
<td></td>
<td></td>
<td>572</td>
<td>552</td>
<td>52</td>
<td></td>
</tr>
<tr>
<td>Polapan (requires coating)</td>
<td>400/27°</td>
<td></td>
<td></td>
<td></td>
<td>Pro100/664</td>
<td>Pro100/554</td>
<td>55</td>
<td></td>
</tr>
<tr>
<td>Polapan Pro 100 (no coating)</td>
<td>100/21°</td>
<td></td>
<td></td>
<td></td>
<td>Pro100/664</td>
<td>Pro100/554</td>
<td>55</td>
<td></td>
</tr>
<tr>
<td>Positive/negative film</td>
<td>50/18°</td>
<td></td>
<td></td>
<td></td>
<td>665</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Special purpose B&amp;W films</strong></td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>Sepia</td>
<td>400/27°</td>
<td>331</td>
<td></td>
<td>611</td>
<td></td>
<td></td>
<td>56</td>
<td></td>
</tr>
<tr>
<td>Low contrast</td>
<td>200/24°</td>
<td></td>
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<tr>
<td>High contrast</td>
<td>125/22° (T)</td>
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<td></td>
<td></td>
<td>51 HC</td>
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<tr>
<td><strong>Color films</strong></td>
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<td></td>
</tr>
<tr>
<td>High speed</td>
<td>640/29°</td>
<td>600, 779</td>
<td>339</td>
<td>88° Viva Color</td>
<td>669</td>
<td>559</td>
<td>59</td>
<td>809</td>
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<tr>
<td>Medium speed</td>
<td>150/23°</td>
<td>778</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Medium speed, no batteries</td>
<td>150/23°</td>
<td>708</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polacolor ER</td>
<td>80/20°</td>
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<tr>
<td>Polacolor 100</td>
<td>100/21°</td>
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<tr>
<td>Polacolor Pro 100</td>
<td>100/21°</td>
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<tr>
<td>ProVivid</td>
<td>100/21°</td>
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<td></td>
</tr>
<tr>
<td><strong>Special purpose color films</strong></td>
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<td></td>
<td></td>
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<tr>
<td>Polacolor 64 Tungsten</td>
<td>64/19°</td>
<td></td>
<td></td>
<td></td>
<td>64T</td>
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<td>64T</td>
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<td>Polacolor ID UV</td>
<td>100/21°</td>
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<td></td>
<td></td>
<td>64T</td>
<td></td>
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</tr>
<tr>
<td>Polacolor ID - Plastic base</td>
<td>100/21°</td>
<td></td>
<td></td>
<td></td>
<td>64T</td>
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<td></td>
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</tr>
</tbody>
</table>

1 U.S.A. only  
2 Outside the U.S.A.
<table>
<thead>
<tr>
<th>35mm film type</th>
<th>ISO speed</th>
<th>Instant</th>
<th>Conventional</th>
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<tbody>
<tr>
<td><strong>Color films</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Instant slide</td>
<td>40/17</td>
<td>PolaChrome</td>
<td></td>
</tr>
<tr>
<td>Instant slide, HC</td>
<td>40/17</td>
<td>PolaChrome HC</td>
<td></td>
</tr>
<tr>
<td>Conventional chrome</td>
<td>100/21</td>
<td></td>
<td>HD2</td>
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<tr>
<td>Conventional chrome, HC</td>
<td>100/21</td>
<td></td>
<td>Presentation</td>
</tr>
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<td></td>
<td></td>
<td></td>
<td>Chrome</td>
</tr>
<tr>
<td>Conventional negative</td>
<td>100/21</td>
<td></td>
<td>HD 100</td>
</tr>
<tr>
<td>Conventional negative</td>
<td>200/24</td>
<td></td>
<td>HD 200</td>
</tr>
<tr>
<td>Conventional negative</td>
<td>400/27</td>
<td></td>
<td>HD 400</td>
</tr>
<tr>
<td><strong>B&amp;W films</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Instant slide</td>
<td>125/22</td>
<td>PolaPan</td>
<td></td>
</tr>
<tr>
<td>Instant slide, HC</td>
<td>400/27</td>
<td>PolaGraph</td>
<td></td>
</tr>
<tr>
<td>Instant white-on-blue, HC</td>
<td>8/10 (EF)</td>
<td>PolaBlue</td>
<td></td>
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</tbody>
</table>
### Film Reference Guide

<table>
<thead>
<tr>
<th>Film type</th>
<th>ISO speed</th>
<th>Description</th>
<th>Use</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AutoFilm instant integral (self-developing) film</strong>&lt;sup&gt;1&lt;/sup&gt;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Image size: 4x3 in. (10.2 x 7.6 cm), ten prints per pack&lt;sup&gt;1&lt;/sup&gt;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type 331</td>
<td>200/24&lt;sup&gt;0&lt;/sup&gt;</td>
<td>Low - medium contrast B&amp;W prints</td>
<td>Video recording</td>
</tr>
<tr>
<td>Type 337</td>
<td>3200/36&lt;sup&gt;0&lt;/sup&gt;</td>
<td>High speed B&amp;W prints</td>
<td>General purpose</td>
</tr>
<tr>
<td>Type 339</td>
<td>640/29&lt;sup&gt;0&lt;/sup&gt;</td>
<td>Color prints</td>
<td>General purpose, special events</td>
</tr>
<tr>
<td><strong>Square-format instant integral (self-developing) films</strong>&lt;sup&gt;1&lt;/sup&gt;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Image size: 3 1/8 x 3 1/8 in. (8 x 8 cm), ten prints per pack&lt;sup&gt;1&lt;/sup&gt;</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Time-Zero Type 778</td>
<td>150/23&lt;sup&gt;0&lt;/sup&gt;</td>
<td>Color prints</td>
<td>General purpose</td>
</tr>
<tr>
<td>Time-Zero Type 708</td>
<td>150/23&lt;sup&gt;0&lt;/sup&gt;</td>
<td>Color prints (no battery)</td>
<td>Special purpose</td>
</tr>
<tr>
<td>600 Platinum</td>
<td>640/29&lt;sup&gt;0&lt;/sup&gt;</td>
<td>High speed instant color prints</td>
<td>General purpose</td>
</tr>
<tr>
<td>Type 779</td>
<td>640/29&lt;sup&gt;0&lt;/sup&gt;</td>
<td>High speed instant color prints</td>
<td>General purpose</td>
</tr>
<tr>
<td><strong>Square-format pack (peel-apart) films</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Image size: 2 3/4 x 2 7/8 in. (7 x 7.3 cm), tens prints per pack</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type 87</td>
<td>3000/36&lt;sup&gt;0&lt;/sup&gt;</td>
<td>High speed B&amp;W prints (U.S.A. only)</td>
<td>General purpose</td>
</tr>
<tr>
<td>Type 88</td>
<td>80/20&lt;sup&gt;0&lt;/sup&gt;</td>
<td>Color prints (U.S.A. only)</td>
<td>General purpose</td>
</tr>
<tr>
<td>Viva Color</td>
<td>80/20&lt;sup&gt;0&lt;/sup&gt;</td>
<td>Color prints (outside U.S.A.)</td>
<td>General purpose</td>
</tr>
<tr>
<td>Viva 3000</td>
<td>3000/36&lt;sup&gt;0&lt;/sup&gt;</td>
<td>High speed B&amp;W prints (outside U.S.A.)</td>
<td>General purpose</td>
</tr>
<tr>
<td><strong>3 1/4 x 4 1/4 in. pack (peel-apart) film</strong>&lt;sup&gt;2&lt;/sup&gt;</td>
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<tr>
<td>Image size: 2 7/8 x 3 3/4 in. (7.3 x 9.5 cm), ten prints per pack&lt;sup&gt;2&lt;/sup&gt;</td>
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<tr>
<td>Type 611</td>
<td>200/24&lt;sup&gt;0&lt;/sup&gt;</td>
<td>Low contrast B&amp;W prints</td>
<td>Video image recording</td>
</tr>
<tr>
<td>Polapan Pro 100 (Type 664)</td>
<td>100/21&lt;sup&gt;0&lt;/sup&gt;</td>
<td>B&amp;W prints</td>
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</tr>
<tr>
<td>Type 665</td>
<td>80/20&lt;sup&gt;0&lt;/sup&gt;</td>
<td>Positive/Negative B&amp;W</td>
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<tr>
<td>Type 667</td>
<td>3000/36&lt;sup&gt;0&lt;/sup&gt;</td>
<td>High speed B&amp;W prints</td>
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<tr>
<td>Polapan 400 (Type 672)</td>
<td>400/27&lt;sup&gt;0&lt;/sup&gt;</td>
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<td>Scientific/Medical/SEM</td>
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<td>Polacolor ER Type 669</td>
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<td>Polacolor 100</td>
<td>100/21&lt;sup&gt;0&lt;/sup&gt;</td>
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<tr>
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<td>ProVivid Film Type 689</td>
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<td>General purpose</td>
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<td>Polacolor Pro 64 Tungsten</td>
<td>64/19&lt;sup&gt;0&lt;/sup&gt;</td>
<td>Tungsten-balanced color prints</td>
<td>Professional/Scientific/Medical</td>
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</tbody>
</table>

<sup>1</sup> Some are available in bulk packaging.  
<sup>2</sup> Type 667 has ten prints per pack.
### Film Reference Guide

#### 4x5 pack (peel-apart) films

*Image size: 3 1/2 x 4 5/8 in. (8.9 x 11.7 cm), ten prints per pack¹*

<table>
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<th>Description</th>
<th>Use</th>
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<td>Type 572</td>
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<td>Fine-grain B&amp;W prints</td>
<td>General purpose</td>
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<tr>
<td>Type 553</td>
<td>800/30°</td>
<td>B&amp;W prints</td>
<td>General purpose</td>
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#### 4x5 sheet (peel-apart) films

*Image size: 3 1/2 x 4 1/2 in. (8.9 x 11.4 cm), 20 exposures per box¹*

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<td>Type 55</td>
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#### 8x10 in. sheet (peel-apart) film

*Image size: 7 1/2 x 9 1/2 in. (19 x 24 cm), fifteen exposures per box*

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<td>40/17°</td>
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<td>General purpose</td>
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<tr>
<td>PolaChrome HC</td>
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<td>40/17°</td>
<td>High contrast color slides</td>
<td>Computer graphics</td>
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<td>PolaBlue BN</td>
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<td>8/10°EF</td>
<td>White-on-blue high contrast slides</td>
<td>Presentations</td>
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<td>PolaGraph HC</td>
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<td>400/27°</td>
<td>High contrast B&amp;W slides</td>
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<tr>
<td>Polapan CT</td>
<td>12, 36</td>
<td>125/22°</td>
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#### 35mm conventional (wet-process) film

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<td>100/21°</td>
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<tr>
<td>HighDefinition</td>
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<td>100/21°</td>
<td>Color slide film (E-6)</td>
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¹Some are available in bulk packaging.
## Application Index

### Close-Up Photography

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### Identification

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SureSight™
This vision screener is a child friendly instrument that automatically provides objective vision screening results in just seconds, detecting risk factors for the leading cause of childhood blindness when it is still preventable.

Specifications: Hand-held, weight 2 lbs. (0.9 Kg), remote infrared link to thermal printer, RS-232 interface for IBM-compatible PC for future software upgrades/data transfer to electronic medical records, working distance 14” (35 cm), battery life more than 3 hours of continuous use, low-battery indicator

Pricing: Contact Welch Allyn (888) 359-2394, ext. 1
Sourcing: Contact Welch Allyn (888) 359-2394, ext. 1
**Calculated Industries**  
4840 Hytech Drive, Carson City, NV 89706, Attention: Jackie Durbin  
Telephone: (800) 854-8075, ext. 214

**Dimension Master Plus**  
This professional-level ultrasonic tape measure features accuracy to 99.5% over a 18.3 m range.  
**Other features:** Automatic area and volume calculation, built-in memory, Aim Assist Spotter Lamp (a targeting strobe that pinpoints exactly where you are measuring). Uses three Polaroid transducers that generate a narrow beam, allowing use in hallways or crowded rooms.

**Pricing:** Contact the manufacturer.  
**Sourcing:** Contact the manufacturer.

---

**Measurement Specialties**  
80 Little Falls Road, Fairfield, NJ 07004,  
Attention: Customer Service  
Telephone: (973) 808-1819; Fax (973) 808-1787

**Accutape II**  
The rugged construction of this easy-to-use ultrasonic distance estimator assures reliable performance. The Accutape II is compact and has a narrow beam to measure through doors and in crowded rooms.  
**Other features:** A lifetime lithium battery, installed.

**Pricing:** Contact the manufacturer.  
**Sourcing:** Contact the manufacturer.
**Electronic Tape Measures**

**Seiko Instruments, Inc. USA**
2990 W. Lomita Blvd., Torrance, CA 90505,
Attention: Dave Thomason
Telephone: (310) 517-8182, ext. 7810

**Home Contractor Conversion Computer**
The Home Contractor is a unique 3-in-1 tool that measures
distance (0.6 - 10 m), computes volume and area in English or
metric measures, and estimates quantities of paint, wallpaper, wall
panels, floor tiles, etc. Uses a Polaroid Ultrasonic Transducer.

**Specifications:**
- Electrical inputs - CR 2032 batteries.

**Pricing:**
- Contact the manufacturer.

**Sourcing:**
- Contact the manufacturer.

---

**Solar Wide Industrial Ltd.**
Units A-C, 18/F, CDW Bldg, 388 Castle Peak Road, Tsuen Wan
N.T. Hong Kong, Attention: Mr. Hughes Sanoner
Telephone: (852) 24800888, Fax: (852) 24801320

**Digitape Plus**
Digitape Plus is an advanced ultrasonic distance meter with a built-in computer. With its 8-key function, it measures distances up to
12 m and calculates area and volume.

**Specifications:**
- Range - 60 cm to 12 m range, minimum 99.5% accuracy, Electrical inputs - two CR2032 batteries.

**Pricing:**
- Contact the manufacturer or Polaroid Corporation.

**Sourcing:**
- Contact the manufacturer.
Polaroid Corporation, OEM Components Group
400 Boston Post Road-2, P.O. Box 438, Wayland, MA 01778-0438
Telephone: (781) 386-3965, Fax: (781) 386-3966

Polaroid “K” Series Piezo Transducers
The “K” Series Piezo transducers are designed to be environmentally rugged, with durable, sealed construction that resists and protects against water, heat, humidity and other elements.

Applications: For use by design and product engineers, system integrators, OEMs, inventors and others working in industrial, automotive, scientific, level management and proximity applications.

Specifications: Available in 8 to 25 mm diameter, 40 to 200kHz.
PID# 618906, 625602, 618907, 625603, 618901, 625598, 618902, 625599, 618899, 625597, 618900, 625597, 618903, 625600, 618904, 625601

Pricing: Contact Polaroid Corporation.
Sourcing: Contact Polaroid Corporation.

Polaroid Corporation, OEM Components Group
400 Boston Post Road-2, P.O. Box 438, Wayland, MA 01778-0438
Telephone: (781) 386-3965, Fax: (781) 386-3966

Polaroid “L” Series Piezo Transducers
The compact, lightweight Polaroid “L” Series open-faced piezo transducers offer high receiving sensitivity.

Applications: For use in a variety of applications including: security systems, industrial controls, automotive, level measurement, robotics and energy applications.

Specifications: Available with 9.7 to 24 mm diameters, operating frequency of 40 kHZ and beam angles of 38° to 80°.
PID# 621128, 621126, 621063, 625604, 626997, 626998

Pricing: Contact Polaroid Corporation.
Sourcing: Contact Polaroid Corporation.
Polaroid Corporation, OEM Components Group
400 Boston Post Road-2, P.O. Box 438, Wayland, MA 01778-0438
Telephone: (781) 386-3965, Fax: (781) 386-3966

Polaroid 7000 Series and 600 Series Electrostatic Transducers
These high-quality transducers feature ranging capability from 15.2 cm to 10.7 m when used with Polaroid drive electronics.

Applications: Electronic tape measures, automatic door openers, sensing switches for line manufacturing, AGVs, security systems.

Specifications: Beam angle - 17° and 12°, Operating frequency - 40 to 100kHz.
PID# 616736, 612366, 616341, 614565

Pricing: Contact Polaroid Corporation.
Sourcing: Contact Polaroid Corporation.

Please note: Supporting drive electronics and components are available.
Polaroid Corporation, OEM Components Group  
400 Boston Post Road-2, P.O. Box 438, Wayland, MA 01778-0438  
Telephone: (781) 386-3965, Fax: (781) 386-3966

Developers Kit
This kit includes one each of the 7000, 9000 and Environmental transducers, an Intel 80C196 microprocessor, a liquid crystal display (LCD), and a technical manual. Configuration software allows you to reprogram performance characteristics such as transmit frequency, pulse width, blanking time, amplifier gain, etc.  
Specifications: Range - 2.5 cm to 15.2 m, Resolution - within 1% of the reading (over the range), Input/Output - RS232 port, analog output, pulse-width modulated, externally triggered input.  
PID# 617810

Pricing: Contact Polaroid Corporation.  
Sourcing: Contact Polaroid Corporation.

OEM Kit
This kit includes two instrument-grade transducers, two 6500 ranging modules, wires and connectors, a technical manual and applications notes.  
Specifications: Range - 15.2 cm to 10.7 m.  
PID# 606783

Pricing: Contact Polaroid Corporation.  
Sourcing: Contact Polaroid Corporation.
AIM Photo Industries, Inc.
6043 NW 167 Street, Building A3-A4, Miami, FL 33015
Telephone: (305) 819-0700, Fax: (305) 822-6977

AIM AutoFilm Keycam II
The AutoFilm Keycam II produces two different or identical portraits on one sheet of AutoFilm. It is a hand-held, aim-and-shoot camera with a built-in electronic flash and sonar rangefinder to ensure correct shooting distance. Its modular design allows fast and simple parts replacement.

Film: Polaroid Type 339.
Pricing: Contact the manufacturer.
Sourcing: Contact the manufacturer.

AIM Photo Industries, Inc.
6043 NW 167 Street, Building A3-A4, Miami, FL 33015
Telephone: (305) 819-0700, Fax: (305) 822-6977

Model 2 and Model 4 Systems
The Model 2 produces two images on one sheet of instant film; the Model 4 produces four images on one sheet. The custom heavy-duty die-cutter cuts the images to size to fit high quality, durable crystal acrylic key chains, leaving space on the reverse side for a message. It comes with a timer and a compact carrying case.

Other features: External camera synch connector, electronic shutter, lens aperture range of f/8 - f/32, three element glass lenses, built-in flash with variable output.

Applications: Key chains.
Specifications: Electrical inputs - 120VAC adapter or battery pack.

Film: Polaroid Film Type 669.
Pricing: Contact the manufacturer.
Sourcing: Contact the manufacturer.

*See also Composite ID/Document Cameras under Identification Photography (page 10).
SEPA Special Events Camera
The SEPA camera is a flexible and reliable special events camera that takes up to three instant photos simultaneously on Polaroid 3 1/4 x 4 1/4 in. pack film. One full-size or two wallet-size photos can be produced.

**Applications:** Special Events photography at malls, conventions and fairs.

**Film:** Polaroid Film Types 665, 669, Polapan Pro 100 Type 664.

**Pricing:** Contact the manufacturer.

**Sourcing:** Contact the manufacturer.

SE-Select
The SE-Select camera is designed for high volume applications with limited staffing. It produces one full-size (3 x 4 in.) and/or two wallet-size (2 x 3 in.) photos on integral instant film (Polaroid Type 339). The SE-Select is easy and quick to operate, since the integral film is self-developing. Field service is made simple with operator-replaceable camera assemblies and electronic flash units.

**Specifications:** Electrical input - switchable from 110VAC to 220VAC.

**Film:** Polaroid Film Type 339.

**Pricing:** Contact the manufacturer.

**Sourcing:** Contact the manufacturer.
SE-Single
The SE-Single Camera produces one full-size 3x4 photo on instant integral film. The SE-single is easy and quick to operate, since the film is self-developing. The rechargeable battery pack makes it ideal for special events photography where electrical outlets are not available.

Applications: Mobile special events situations.
Specifications: Electrical input - Factory-supplied rechargeable battery pack or 110VAC/220VAC switchable power supply.
Film: Polaroid Film Type 339.
Pricing: Contact the manufacturer.
Sourcing: Contact the manufacturer.

SE-Twin
The SE-Twin camera is a hand-held, battery-powered special events camera that produces two wallet-size (2 x 3 in.) photos simultaneously on instant integral film.

Applications: Mobile special events situations such as proms and cruises, key-chain mementos.
Specifications: Electrical input - Factory-supplied rechargeable battery pack or 110VAC/220VAC switchable power supply.
Film: Polaroid Film Type 339.
Pricing: Contact the manufacturer.
Sourcing: Contact the manufacturer.
Instant Exposure, Inc.
1980 Turnpike Street, N. Andover, MA 01845
Telephone: (978) 975-0077, Fax: (978) 975-7408

All Weather Photobooth
The low-maintenance All Weather Photobooth offers the durable, welded steel construction necessary for outdoor settings. The weather-resistant photobooth, with a voice activated picture prompt that encourages use, can be configured to produce either one or four poses on each Polaroid instant color photograph. Custom graphics are available for your location. The locking bill acceptor, photo counter, and 300-print automatic film loader reduce support demands.

Other features: An optional temperature control unit can heat or cool the film chamber to provide consistent processing in all environments. Logo Photo option enhances the souvenir value of the photograph by automatically printing the location's logo as one of the four images.

Specifications: Weight - 205 kg, Dimensions - 135 x 85 x 185 cm.
Film: Polaroid Film Type 339.
Pricing: Contact the manufacturer.
Sourcing: Contact the manufacturer.
Daylab 120
A new addition to the family of slide to print products, the Daylab 120 is designed to appeal to the more professional and creative photographer artist with uses like image & emulsion transfer and time zero manipulation. It creates instant images from 120 transparencies produced by leading cameras like Hasselblad, Mamiya, Bronica and Rollei. And it has the ability to crop and enlarge images to any Polaroid instant film format.

Applications:
- Image & emulsion transfers (creation of original art), time zero manipulations (creation of original art), black & white inter-negatives, layout prints for composites, portfolio prints, Color “wet process” inter-negative from transparencies, quick color prints from transparencies.

Specifications:
- Uses 6x6 or 6x7 transparencies
- Automatic electronic flash illumination
- Uses all existing Daylab film bases
- Does not have built-in filters (use gelatin filters)

PID# 100904

Film:
- All 3x4, 4x5, SX70 & 8x10 Instant Polaroid films

Pricing:
- Contact Polaroid Corporation

Sourcing:
- Contact Polaroid Corporation
Daylab
400 E. Main Street, Suite F, Ontario, CA 91761
Telephone: (909) 988-3233, (800) 235-3233, Fax: (909) 988-0715
www.daylab.com

Daylab 35
This is a low-cost version of the Daylab Instant Slide Enlarger. It includes all the features of the original Daylab II except for zooming and cropping, and it uses the Polaroid 3 1/4 x 4 1/4 in. format and SX 70 format films.

Other features: Microprocessor-controlled exposure system including electronic flash.

Applications: Instant slide printing in 3 1/4 x 4 1/4 in. format; excellent for Polaroid Image and Emulsion Transfer processes and SX 70 manipulation.

Specifications: Weight - 2.3 kg, Dimensions - base, 216 x 254 mm, height 305 to 406 mm, Electrical inputs - 120VAC, 60Hz, 22VAC; Electrical outputs - 12VAC, 1.25 A; also operates on 100VAC and 220/240VAC, or direct from 12-volt battery.

PID# 623407

Film: All Polaroid 3 1/4 x 4 1/4 in. pack films and SX 70 films.

Pricing: Contact Polaroid Corporation.

Sourcing: Contact Polaroid Corporation.
**Daylab 35 Plus**

The Daylab 35 Plus Instant Slide Enlarger produces Polaroid 3 1/4 x 4 1/4 in., 4x5 and 8x10 prints from color slides in just 60 seconds. It features built-in color filters for full color correction and an automatic exposure meter. Daylab also makes 8x10 Polaroid prints from slides when used in a darkroom.

**Other features:** Full magnification, zooming and cropping capabilities, electronic flash exposure.

**Applications:** Instant slide printing, excellent for Polaroid Image and Emulsion Transfer processes.

**Specifications:** Weight - 2.3 kg, Dimensions - base, 216 x 254 mm, height 305 to 406 mm, Electrical inputs - 120VAC, 60Hz, 22VAC; Electrical outputs - 12VAC, 1.25 A; also operates on 100VAC and 220/240VAC, or direct from 12-volt battery. PID# 619458

**Film:** All Polaroid 3 1/4 x 4 1/4 in. pack films, 4x5 film, 8x10 film (depending on film back), and SX 70.

**Pricing:** Contact Polaroid Corporation.

**Sourcing:** Contact Polaroid Corporation.
**Konica Corporation**
Shinjuku Nomura Bldg., 26-2 Nishi-Shinjuku 1-Chome, Shinjuku-ku, Tokyo 163, Japan
Telephone: 03 (3349) 5031
http://www.konica.co.jp

**Copiroid Model 2**
With the Copiroid Model 2 print copier, you can make an instant (same size) copy of an original print on Polaroid 4x5 or 3 1/4 x 4 1/4 in. film. Because depth of field is 3 cm, you can also use it to photograph relatively flat objects, such as printed circuits. It features an electronic flash unit with five speed settings for different speed film. Both B&W film and color versions are available. Three Polaroid film holders are available; the Model 550, the Model 545i, and the Model 405.

**Specifications:**
- Weight: 7 kg,
- Dimensions: 240 x 230 x 510 mm,
- Electrical inputs: 6VDC (AC adapter).

**Applications:**
- SEM (scanning electron microscopy),
- printed circuit imaging.

**Film:**
- All Polaroid 3 1/4 x 4 1/4 in. pack films, 4x5 pack and sheet films (depending on film back).

**Pricing:**
- Contact the manufacturer or Polaroid Corporation.

**Sourcing:**
- Contact the manufacturer.

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**OER**
11501 Sunset Hills Road, Reston, VA 22090
Telephone: (703) 471-1645, Fax: (703) 471-5993

**ProPrinter Slide Copier II**
This slide printer allows you to use all Polaroid 3 1/4 x 4 1/4 in. and 4x5 pack films. It features excellent exposure control through an adjustable f/3.5 to f/16 lens, an electronic lightness-darkness override, and a preprogrammed computer that adjusts the exposure for each magnification. It produces instant prints in either cropped or full-frame format.

**Other features:**
- Four- element, color-corrected, optical lens with a steel chassis for years of printing.

**Film:**
- All Polaroid 3 1/4 x 4 1/4 in. and 4x5 pack films.

**Pricing:**
- Contact the manufacturer.

**Sourcing:**
- Contact the manufacturer.
**CANFIELD Clinical Systems**  
*a division of Canfield Scientific, Inc.*  
253 Passaic Avenue, Fairfield, NJ 07004-2524  
Telephone: (973) 276-0336 (800) 815-4330 Fax: (973) 276-0333  
E-mail: info@CanfieldSci.com

**Reflex UV Camera System**

UV photography provides physicians and patients with instant visual proof of the mottled hyperpigmentation characteristic of photodamage, heightening awareness of the need for sun protection and assisting in treatment. They system is easy to learn and easy to use. Black & white Polaroid film develops in just 60 seconds. There’s no need to focus and frame shots, or to worry about f-stops and apertures. Simply set the exposure for light, medium, or dark complexions and shoot.

**Specifications:**

- **Film:** Polaroid film type 667.
- **Pricing:** Contact the manufacturer or Polaroid Corporation
- **Sourcing:** Contact the manufacturer or Polaroid Corporation

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**Daktronics, Inc.**  
331 32nd Avenue, Brookings, South Dakota 57006  
Telephone: (800) 843-5843, Fax: (605) 697-4700

**Accutrack Photo Finish Camera**

The Accutrack is a photo-finish camera that records runners’ order of finish with their official times. As the lead runner approaches the finish line, the camera is activated. It is light-weight and portable, and requires minimum set up time. It uses the Model 550 4 x 5 film holder.

**Other features:** Quartz crystal electronic clock for 1/100 sec. accuracy, built-in light meter.

**Specifications:**  
- **Weight:** 11.3 kg, **Dimensions:** 241 (L) x 483 (W) x 200 (H) mm, **Electrical inputs:** 5VDC 1A.

- **Film:** Polaroid Film Types 552, 553, 559.
- **Pricing:** Contact the manufacturer.
- **Sourcing:** Contact the manufacturer.
**Atlanta Skin Camera**
This new camera offers the practitioner color photography of the widest range of skin conditions provided by any instrument on the market, from oil balance to pre-cancerous growths. Constructed with space age non-conductive and non-corrosive materials, the light the camera generates to look below the skin’s surface is absolutely safe and accepted for medical use. Superb engineering means accurate, reliable results every time picture is taken.

**Specifications:**
- Weight - 6 pounds
- Dimensions - 8.5” (W) x 15” (L) x 10” (H)
- Power Source - 120 volts AC

**Film:**
Polaroid Color Film Type 339

**Pricing:**
Contact the manufacturer or Polaroid Corporation.

**Sourcing:**
Contact the manufacturer.

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**Wood Lamp Camera**
The Wood Lamp camera is used to image various facial skin features such as liver spots, freckles or fat deposits that are revealed by the ultraviolet light that the camera radiates.

**Specifications:**
- Weight - 7 kg
- Dimensions - 263 x 344 x 460 mm

**Film:**
Polaroid Film Type 339

**Pricing:**
Contact the manufacturer or Polaroid Corporation.

**Sourcing:**
Contact the manufacturer.
The SPOTlight™ Camera
A cost-effective alternative to elaborate imaging systems and the darkroom film processor and X-ray film, the SPOTlight instantly detects chemiluminescence in a variety of research and diagnostic HSD membrane based assays like Western, Southern, and Northern blot. Membranes can be conveniently placed in the BPI Fotolopes’ to insure good contact between the membrane and film without contaminating the camera. Portable and easy to use, the SPOTlight provides sensitivity comparable to x-ray film.

Specifications: 20 cm x 11cm x 5 cm. Accomodates membranes up to 8.5cm x 6.5cm

Film:

Pricing: Contact the manufacturer or Polaroid Corporation

Sourcing: Contact the manufacturer or Polaroid Corporation
Helmut Hund GmbH
D-6330 Wetzlar 21, Germany
Telephone: 49.6441 200 40, Fax: 49.6441 200 444
Distributor: Hund Corporation
Telephone: (914) 392-4000, Fax: (914) 392-4797

MCS Plus
This high quality, low priced, universal microscope camera with automatic exposure control provides a Polaroid film look-up table and filter factors built into the exposure control unit. It fits Leitz, Zeiss, Olympus and Nikon microscopes with an adapter.

Specifications:
- Weight: 2 kg
- Electrical inputs: AC/DC adapter, included.
- Film: All Polaroid 3 1/4 x 4 1/4 in. pack films, 4x5 pack and sheet films, AutoFilms, instant and conventional 35mm films.

Pricing: Contact the manufacturer.
Sourcing: Contact the manufacturer.

Leisegang Feinmechanik-Optik GmbH & Co. KG
Leibnizstrasse 32, D-1000 Berlin 12, Germany
Telephone: 49-30-31-90-090, Fax: 49-30-31-35-992

AutoFilm Holder
The Leisegang AutoFilm Holder allows you to produce instant photographs simply and conveniently. It fits most microscope photo tubes with a 4x5 back. It is simple to attach, with no need for adjustments or re-focusing. The mirror is reversed.

Applications:
- Microscopy, referral pictures, record keeping, diagnostics; can also be used with SEMs in clean-room environments.

Specifications:
- Weight: 0.8 kg
- Dimensions: 180 x 150 x 65 mm
- Electrical inputs: four 1.5V batteries or 6V DC adapter.
- Film: Polaroid Film Types 331, 339.

Pricing: Contact the manufacturer or Polaroid Corporation.
Sourcing: Contact the manufacturer.

*See also Testing under Medical Imaging (page 50).
**Scientific/Engineering Photography**

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**Nikon Corporation**  
2-3-3 Marunouchi, Chiyoda-ku, Tokyo 100, Japan  
Telephone: 03 (3216) 1026, Fax: 03 (3215) 2170  
http://www.nikon.co.jp  
Distributor: Nikon Instrument Division  
1300 Walt Whitman Rd., Melville, NY 11747-3064  
Telephone: (516) 547-8500

**P-Holder**  
The P-Holder, designed for use with Polaroid 3 1/4 x 4 1/4 in. pack films, can be attached to almost all microscopes as well as 4x5 format adapters.  

**Applications:** Fundamental research at universities and laboratories, quality control in factories, pathology inspections in hospitals.  

**Specifications:** Dimensions - 190 x 167 x 74 mm.  
**Film:** All Polaroid 3 1/4 x 4 1/4 in. pack films.  
**Pricing:** Contact the distributor.  
**Sourcing:** Contact the distributor.

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**NPC Photo Division**  
1238 Chestnut Street, Newton Upper Falls, MA 02164  
Telephone: 800-344-9504, 617-696-3487, Fax: (617) 969-4523

**MF 9**  
The MF-9 allows you to use Polaroid TimeZero and 600/779 integral film (as well as 3 1/4 x 4 1/4 in. pack films with the CB-103 back) on any 35mm camera with a removable back door. The film plane location meets Polaroid specifications, the image size is 52 x 78 mm, and the proportion of the 35mm format is retained.  

**Other features:** Tripod Meeting Bracket is available as an option; dark slide prevents accidental exposure when changing backs.  

**Applications:** Photomicrography, endoscopy, micro, macro or intra-oral photography, inspections.  

**Specifications:** Weight - approximately 1.59 kg.  
**Film:** All Polaroid 3 1/4 x 4 1/4 in. pack films, Types 600/779 and Time-Zero integral films (depending on film back).  
**Pricing:** Contact the manufacturer.  
**Sourcing:** Contact the manufacturer.
**Olympus Optical Co., Ltd.**
22-2 Nishi-Shinjuku, Shinjuku-ku, Tokyo 163, Japan
Telephone: 03 (3340) 2248, Fax: 03 (3340) 2201
Distributor: Olympus America Inc., Precision Instrument Division
Two Corporate Center Drive, Melville, NY 11747-3157
Telephone: (516) 844-5000, (800) 446-5967

**PM-CB33**
The PM-CB33 provides AutoFilm capability for Olympus microscopes for use in clean-room environments. It features instant photomicroscopy without peel-apart film.

**Specifications:**
- Weight - 0.8 kg
- Dimensions - 178 x 152 x 57 mm
- Electrical inputs - 5V DC.

**Film:**
- Polaroid Film Types 331, 339.

**Pricing:**
Contact the distributor.

**Sourcing:**
Contact the distributor.

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**Olympus Optical Co., Ltd.**
22-2 Nishi-Shinjuku, Shinjuku-ku, Tokyo 163, Japan
Telephone: 03 (3340) 2248, Fax: 03 (3340) 2201
Distributor: Olympus America Inc., Precision Instrument Division
Two Corporate Center Drive, Melville, NY 11747-3157
Telephone: (516) 844-5000, (800) 446-5967

**PM-CB33R**
The PM-CB33R (Olympus AutoFilm Adapter for Color Photography) is designed for almost all Olympus Microphotography except the New Vanox series. This adapter was developed in response to the requirements of industrial workers working in clean room environments, particularly factories.

**Applications:**
- Investigation of IC patterns, cells, and checking the shape of various materials in clean rooms.

**Specifications:**
- Weight - 5 kg
- Electrical inputs - 6V DC.

**Film:**
- Polaroid Film Type 339.

**Pricing:**
Contact the distributor.

**Sourcing:**
Contact the distributor.
PM-CP-W
The PM-CP-W attaches easily to microscopes and takes instant Polaroid pictures on 3 1/4 x 4 1/4 in. pack film.

- **Applications:** University research, quality control, pathology inspections, all laboratories.

- **Specifications:**
  - Weight: 0.8 kg
  - Dimensions: 171 x 120 x 59 mm

- **Film:** All Polaroid 3 1/4 x 4 1/4 in. pack films.

- **Pricing:** Contact the manufacturer.

- **Sourcing:** Contact the manufacturer.

PELENG MC-1 Comparison Microscopes
The PELENG MC-1 microscopes are two-channel comparison microscopes that allow visual observation of objects through the microscope and on a color monitor, as well as recording of the image on film or video. The Peleng Models MC-1P and the MC-1K offer a Polaroid camera back that can be interchanged with a 35mm camera back. Magnifications range from 5X to 80X; magnification of the resulting instant picture ranges from 3.5X to 56X.

- **Applications:** Comparative analysis of banknotes, coins, bonds, checks, certificates, other securities and documents for authenticity; comparison of evidence such as ballistics, fiber and other objects in criminal investigations.

- **Specifications:**
  - Weight: 57 kg (microscope), 8 kg (power supply), 10 kg (monitor)
  - Dimensions: 610 x 495 x 365 mm (microscope), 310 x 215 x 110 mm (power supply unit), 420 x 490 x 420 mm (monitor)
  - Electrical input: 220VAC, 50Hz and 120VAC, 60Hz

- **Film:** Polaroid Types 779 or 600.

- **Pricing:** Contact the manufacturer.

- **Sourcing:** Contact the manufacturer.
Sankei Co., Ltd.
17-7, Hongo 2-Chome, Bunkyo-ku, Tokyo, Japan
Telephone: 03-5805-0514, Fax: 03-5805-0524

PS-1DC
The PS-1DC is a Nikon microscope photomicroscopic attachment for all applications. The resulting image size is 7.6 x 10.1 cm.

Specifications: Weight - 0.9 kg, Dimensions - 170 x 155 x 60 mm, Electrical inputs - 5V DC (AC adapter) or four UM3 batteries.

Film: Polaroid Film Types 331, 337, 339.
Pricing: Contact the manufacturer or Polaroid Corporation.
Sourcing: Contact the manufacturer.

Sankei Co., Ltd.
17-7, Hongo 2-Chome, Bunkyo-ku, Tokyo, Japan
Telephone: 03-5805-0514, Fax: 03-5805-0524

PS-2M
The PS-2M is a Nikon Microscope 4X Format Adapter with a built-in mirror to reverse the images for Polaroid AutoFilm Type 339. This product is useful when a right-reading image is required, and is used with Type 339-like LSI makers.

Film: Polaroid Film Type 339.
Pricing: Contact the distributor or Polaroid Corporation.
Sourcing: Contact the distributor.
Clean Room Film Adapter

This is an accessory for the Hitachi SEM Model S550, S560, S700 and S800. The magnification is 0.9X and the image size is 101 x 76 mm.

Applications: Dustproofing film to be used in clean rooms.

Specifications:
- Weight: 0.9 kg
- Dimensions: 180 x 160 x 65 mm
- Electrical inputs: 5V DC (AC adapter)

Film: Polaroid Film Type 331.

Pricing: Contact the distributor.

Sourcing: Contact the distributor.

MP-35070/SM-CSICB33

The MP-35070 and the SM-CSICB33 are both Jeol SEM AutoFilm Adapters. The MP-35070 is compatible with the Jeol SEM JSM-5000 series (the low-cost version). The SM-CSICB33 is compatible with the Jeol SEM JSM-6000 series (the high-grade version). They are fully automatic photo units; all processes (from exposure to film ejection) are automatic.

Applications: Clean room environments in IC factories.

Film: Polaroid AutoFilm.

Pricing: Contact the distributor.

Sourcing: Contact the distributor.

*See also the Leisegang AutoFilm Holder in Microscopy (Optical), on page 70.
**Acme Co., Ltd.**
2-3-7 Hirakawacho, Chiyoda-ku, Tokyo, Japan
Telephone: 0381 (3264) 5111, Fax: 03 (3239) 7230

**Acme M-085 Auto**
The Acme M-085 Auto product produces B&W hardcopy (Polaroid AutoFilm) directly from an oscilloscope screen. The lens is a CRT-King 75mm lens; the shutter speeds include a “B” setting as well as 1 - 1/125 sec. speeds.

**Other features:** Apertures from f/3.5 - f/32, reduction ratio is 1:0.85 (±3%).

**Specifications:** Weight - 0.8 kg, Dimensions - 180 x 150 x 195 mm.

**Film:** Polaroid Film Type 331/337.

**Pricing:** Contact the manufacturer or Polaroid Corporation.

**Sourcing:** Contact the manufacturer.

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**Acme Co., Ltd.**
2-3-7 Hirakawacho, Chiyoda-ku, Tokyo, Japan
Telephone: 0381 (3264) 5111, Fax: 03 (3239) 7230

**Acme M-085D**
The Acme M-085D product produces B&W hardcopy (Polaroid 3 1/4 x 4 1/4 in. pack film) directly from an oscilloscope screen. The lens is a CRT-King 75mm lens; the shutter is a self-cocking type that includes a “B” setting as well as 1 - 1/125 sec. speeds.

**Other features:** Apertures from f/3.5 - f/32, reduction ratio 1:0.85 (±3%).

**Specifications:** Weight - 0.68 kg, Dimensions - 120 x 190 x 190 mm.

**Film:** Polaroid Film Type 667.

**Pricing:** Contact the manufacturer or Polaroid Corporation.

**Sourcing:** Contact the manufacturer.
Acme Co., Ltd.
2-3-7 Hirakawacho, Chiyoda-ku, Tokyo, Japan
Telephone: 0381 (3264) 5111, Fax: 03 (3239) 7230

Acme M-105 Auto
The Acme M-105 Auto product produces color hardcopy (Polaroid AutoFilm) directly from a color CRT display. The lens is a CRT-King 105mm/4.5 triplet type; shutter speeds include a “B” setting as well as 1 - 1/125 sec. speeds.

Other features:
- Apertures from f/4.5 - f/32, reduction ratio 1:0.4 (without an attachment lens), effective CRT dimensions are 9, 12, 14 in.

Specifications:
- Weight - 1.1 kg, Dimensions - 180 x 190 x 170 mm.
- Film: Polaroid Film Type 339.
- Pricing: Contact the manufacturer or Polaroid Corporation.
- Sourcing: Contact the manufacturer.

Acme Co., Ltd.
2-3-7 Hirakawacho, Chiyoda-ku, Tokyo, Japan
Telephone: 0381 (3264) 5111, Fax: 03 (3239) 7230

Acme M-105D
The Acme M-105D product produces color hardcopy (Polaroid 3 1/4 x 4 1/4 in. pack film) directly from a color CRT display, computer or video monitor. The lens is a CRT-King 105mm/4.5 triplet type; the self-cocking shutter includes a “B” setting as well as 1 - 1/125 sec. speeds.

Other features:
- Apertures from f/4.5 - f/32, reduction ratio 1:0.4 (without an attachment lens), effective CRT dimensions are 9, 12, 14 in.

Specifications:
- Weight - 0.88 kg, Dimensions - 190 x 190 x 120 mm.
- Film: Polaroid Film Type 669.
- Pricing: Contact the manufacturer or Polaroid Corporation.
- Sourcing: Contact the manufacturer.
Screen Shooters/Direct Screen Cameras

NPC Photo Division
1238 Chestnut Street, Newton Upper Falls, MA 02164
Telephone: 800-344-9504, 617-969-3487, Fax: (617) 969-4523
www.NPCPhoto.com

Screen Shooter
The Screen Shooter uses any 35mm camera (not included) for taking slides of CRT displays. Comes with a modified Polaroid OneStep camera. CRT hoods in 9, 12 and 19 in. sizes are available.

Film: Polaroid Type 600/779, instant and conventional 35mm films.

Pricing: Contact the manufacturer.

Sourcing: Contact the manufacturer.

Ormaf
Via Beato Pellegrino, 79, 35137 - Padova Italy
Telephone: 390-498-721-044, Fax: 390-497-766-12
Distributor: Polaroid (Europa) B.V. (PID 6107014)
International Distribution Center, Postbus 316, 7500 Ah Enschede, The Netherlands
Telephone: 31 (53) 844 44581

Ormaf TA-50 Direct Screen Camera
This product produces B&W hard copies (on Polaroid AutoFilm) of CRT, video or computer screens. The B&W direct screen camera with a Polaroid AutoFilm back uses nine different CRT hoods from 100 x 80 mm up to 396 x 293 mm. The picture of the CRT screen is automatically ejected after the exposure button has been pressed.

Specifications: Weight - 1.2 kg, Dimensions - 180 x 130 x 170 mm, Electrical inputs - four 1.5V batteries.

Film: Polaroid Film Types 331, 337.

Pricing: Contact the distributor.

Sourcing: Contact the distributor.
**Ormaf**  
Via Beato Pellegrino, 79, 35137 - Padova Italy  
Telephone: 390-498-721-044, Fax: 390-497-766-12  
Distributor: Polaroid (Europa) B.V. (PID 6107014)  
International Distribution Center, Postbus 316, 7500 Ah Enschede, The Netherlands  
Telephone: 31 (53) 844 44581

**Ormaf TA-60 Direct Screen Camera**  
The Ormaf TA-60 direct screen camera with a Polaroid AutoFilm camera back is a hand-held, direct screen camera which produces color hard copies (on Polaroid AutoFilm) of CRT displays. It fits all eight Ormaf hood sizes from 120 x 105 mm to 396 x 293 mm. Because the Ormaf TA-60 always gives you the right aspect ratio for CRT recording, it is the ideal, inexpensive camera for making color copies of medium and large color terminals.

**Other features:**  
108mm f/4.5 lens with apertures from f/4.5 - f/32, exposure times from 1 sec. to 1/125 sec.

**Specifications:**  
Dimensions - 160 x 190 x 150 mm, Electrical inputs - four AA 1.5V batteries.

**Film:**  
Polaroid Film Type 339.

**Pricing:**  
Contact the distributor.

**Sourcing:**  
Contact the distributor.

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**Shackman Instruments, Ltd.**  
Unitek House, Oxford Road, Tatling End, Gerrards Cross, Bucks., England SL9 7BB  
Telephone: 44-017-538-90500, Fax: 44-017-534-80803

**7000 Recording Camera**  
This is a low cost direct-screen recording system with 17 different hood sizes, and a range of large hoods up to 12 in. An alternative Bezel mount system allows over 400 different instruments to be fitted.

**Other features:**  
Variable apertures from f/3.5 to f/32, shutter speeds of 1 sec. to 1/125 sec. and “B”, variable ratio for oscillography 1:0.85 or 1:0.65.

**Applications:**  
Oscillography, general instrumentation recording, medical imaging.

**Specifications:**  
Weight - 0.7 kg, Dimensions - 120 x 170 x 180 mm.

**Film:**  
All Polaroid 3 1/4 x 4 1/4 in. pack films.

**Pricing:**  
Contact the manufacturer or Polaroid Corporation.

**Sourcing:**  
Contact the manufacturer.
Tektronix, Inc.
P.O. Box 500, Beaverton, OR 97076
Telephone: (800) 835-9433, Fax: (503) 690-3926

C-9
The C-9 features five hood sizes (with two magnification ratios depending on hood - .51 or .70), three glass-element lenses, fixed f/11 aperture, and an optional flash unit for non-illuminated graticules. It replaces the C-4, C-5 and C-7 cameras. Available with AutoFilm or pack film back.

Applications: General purpose CRT recording, direct-screen imaging used in medical diagnostics and high performance oscillography.

Specifications: Weight (standard back) - 0.82 kg, Weight (with AutoFilm) - 0.95 kg, Dimensions - 118 x 197 x 263 mm, Electrical outputs - AutoFilm back requires eight AA batteries.

Film: All Polaroid 3 1/4 x 4 1/4 in. pack films, Types 337, 339 (depending on film back). 331 or autofilm.

Pricing: Contact the manufacturer.

Sourcing: Contact the manufacturer.
**Arsenal Industrial Association**  
Kiev, Ukraine  
Distributor: Continent-Wide Enterprises, Ltd.  
41 Bertal Rd, Toronto, Ontario, Canada M6M 4M7  
Telephone: (416) 762-8101, Fax: (416) 762-4278

**Kiev 88 Camera**  
The Kiev 88 is a professional 120-format camera with interchangeable lenses and an instant proofing back for Polaroid pack films. The standard kit includes a camera body, a 6 x 6 cm roll-film magazine, a 6 x 6 cm instant proofing back, a focusing hood, 62mm yellow-green and ultraviolet filters, a lens shade, a neck strap, and an 80mm f/2.8 Volna lens.  
**Applications:** For checking composition, lighting and exposure, focus and depth of field, and values for both color and monochrome reproduction; and to obtain immediate client approval.  
**Specifications:** Weight - 1.6 kg, Dimensions - 170 x 110 x 115 mm.  
**Film:** All Polaroid 3 1/4 x 4 1/4 in. pack films (especially Polaroid Polapan Pro 100 Type 664, Type 665, Type 669).  
**Pricing:** Contact the distributor.  
**Sourcing:** Contact the distributor.

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**Calumet Photographic**  
890 Supreme Drive, Bensenville, IL 60106  
Telephone: (800) Calumet  
www.calumetphoto.com

**8x10 manual processor**  
This lightweight, portable processor allows you to process Polaroid 8x10 film in the field, without power. It is hand-crank operated and daylight-safe. It works with the Polaroid 8x10 film holder, but does not require the use of the Polaroid Loading Tray.  
**Specifications:** Weight - 2.5 kg, Dimensions - 120 x 432 x 324 mm.  
**Film:** All Polaroid 8x10 films.  
**Pricing:** Contact the manufacturer.  
**Sourcing:** Contact the manufacturer.
**Four Designs Co.**  
20615 North East 22nd Ave., Ridgefield, WA 98642  
Telephone: (800) 468-3399, (360) 887-1555, Fax: (360) 887-1549  
www.fourdesigns.com  

**Camera Modification/Accessories**  
Four Designs manufactures and designs adaptations and accessories for Polaroid instant cameras, both new and old. They sell and service popular but discontinued models of Polaroid pack cameras such as the Model 110, 110A, 110B and 120 roll film cameras to take the current 3 1/4 x 4 1/4 in. pack films. They offer many other related products and accessories; contact the manufacturer for more information.  

**Pricing:** Contact the manufacturer  
**Sourcing:** Contact the manufacturer

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**Professional Camera Classic**  
Limited edition, refurbished Polaroid metal pack film camera modified with high-quality glass lens and new shutter for professional applications. The 114 mm Tominon glass lens and Copal 0 shutter produce high-quality photographs on any Polaroid 3 1/4 x 4 1/4 inch instant color or black-and-white pack film. Total quantity of cameras limited by the availability of Polaroid metal pack film camera bodies.  

**Other features:** Camera offers apertures from f/4.5 to f/45 and shutter speeds from 1/125 to 1 second and bulb.  

**Film:** All Polaroid 3 1/4 x 4 1/4 in. pack films.  
**Pricing:** Contact the manufacturer.  
**Sourcing:** Contact the manufacturer.
Horseman VH
A genuine technical camera based on the 6 x 9 cm and 4 x 5 in. camera. Its light weight and versatility make it ideal for use in the field. High-precision engineering permits a variety of swing and tilt functions as well as close-up and macro photography to be performed with ease. Focusing is done with the graticule on the groundglass screen, making exact picture composition in landscape work easy.

Other features: Lens Standard-Resoing 28mm, swing 15 degrees L/R, tilt 10 degrees forward, 15 degrees backwards, lateral shift 30mm L/R.

Specifications: Weight - 1.7 kg, Dimensions - 157 x 97 x 160 mm.

Film: All Polaroid 3 1/4 x 4 1/4 in. pack films.

Pricing: Contact the manufacturer or Polaroid Corporation.

Sourcing: Contact the manufacturer.

Kyocera Corporation
International Sales Optical Equipments Div., 27-8 Jingumae 6-Chome, Shibuya-ku, Tokyo 150, Japan
Telephone: 03 (3797) 4611, Fax: 03 (3400) 1434
http://www.kyocera.co.jp

Contax Preview II
The Contax Preview is a special accessory camera that accepts Polaroid pack film, designed for the professional Contax user. It allows the photographer to preview the photograph by taking an identical 35mm-size image (24 x 36 mm) on Polaroid film.

Other features: Contax/Yashica three-claw bayonet lens mount, vertical-run, metal focal-plane shutter with speeds from 1 to 1/4000 sec. (plus a B setting), mechanical operation, x-synchronization at 1/250 sec., waist-level viewfinder that shows 95% of viewing area at 0.91X magnification (with a 50mm lens).

Specifications: Weight - 705 g (body only), Dimensions - 168 x 145 x 67 mm.

Film: All Polaroid 3 1/4 x 4 1/4 in. pack films.

Pricing: Contact the manufacturer or Polaroid Corporation.

Sourcing: Contact the manufacturer.
Mamiya-OP Co., Ltd.
13-1, Nishibori 10-Chome, Urawa-shi, Saitama 338, Japan
Telephone: 048 (858) 4840, Fax: 048 (858) 4868
http://www.mamiya.co.jp

Distributor: Mamiya America Corp.
8 Westchester Plaza, Elmsford, NY 10523
Telephone: (914) 347-3300, Fax: (914) 347-3307
http://www.info@mamiya.com

Mamiya M645 PRO
The Mamiya M645 PRO is a single-lens reflex, 6 x 4.5 cm format camera with interchangeable lenses and film backs. Film backs for 120/220 roll film and Polaroid 3 1/4 x 4 1/4 in. pack film are available (HP401). The shutter is a B. 4 sec. - 1/1000 sec. focal-plane shutter; the standard lens is a Mamiya Sekor C80mm f/2.8.

Specifications: Weight - 0.9 kg, Dimensions - 91 x 87.5 x 116 mm.

Film: All Polaroid 3 1/4 x 4 1/4 in. pack films.

Pricing: Contact the distributor.

Sourcing: Contact the distributor.

Mamiya America Corp.
8 Westchester Plaza, Elmsford, NY 10523
Telephone: (914) 347-3300, Fax: (914) 347-3307
www.mamiya.com

Mamiya Quadra 72 Sheet Film Back
This is a 4x5 single-sheet film holder for the Mamiya RB and RZ 67 medium format cameras. It produces 72 x 72 mm images on Polaroid 4x5 instant sheet films, or on all Kodak conventional wet-process Readyload film packs.

Film: All Polaroid 4x5 single sheet films including Polacolor Pro 100 color film and Type 55 P/N B&W positive/negative film, all Kodak Readyload 4x5 sheet films.

Pricing: Contact the manufacturer.

Sourcing: Contact the manufacturer.
Mamiya-OP Co., Ltd.
13-1, Nishibori 10-Chome, Urawa-shi, Saitama 338, Japan
Telephone: 048 (858) 4840, Fax: 048 (858) 4868
http://www.mamiya.co.jp
Distributor: Mamiya America Corp.
8 Westchester Plaza, Elmsford, NY 10523
Telephone: (914) 347-3300, Fax: (914) 347-3307
http://www.info@mamiya.com

Mamiya RB67 PRO-SD Camera
The Mamiya RB67 PRO-SD is a single-lens reflex, 6 x 7 cm format camera with interchangeable lenses and film backs. Film backs for 120/220 roll film and Polaroid 3 1/4 x 4 1/4 in. pack film are available (HP701). The shutter is a B.T. 1 sec. - 1/400 sec. shutter; the standard lens is a Mamiya KL90mm f/3.5 L.
Specifications:
- Weight - 2 kg
- Dimensions - 104 x 133.5 x 211.5 mm.
- Film: All Polaroid 3 1/4 x 4 1/4 in. pack films.
- Pricing: Contact the distributor.
- Sourcing: Contact the distributor.

Mamiya RZ67 Professional II Camera
The Mamiya RZ67 is a single-lens reflex, 6 x 7 cm format camera with interchangeable lenses and film backs. Film backs for 120/220 roll film and Polaroid 3 1/4 x 4 1/4 in. pack film are available (HP702). The shutter is a B.T. 8 sec. - 1/400 sec. shutter; the standard lens is a Mamiya Sekor Z 110mm f/2.8.
Specifications:
- Weight - 2.4 kg
- Dimensions - 104 x 133.5 x 211.5 mm.
- Film: All Polaroid 3 1/4 x 4 1/4 in. pack films.
- Pricing: Contact the distributor.
- Sourcing: Contact the distributor.
**NPC Photo Division**
1238 Chestnut Street, Newton Upper Falls, MA 02164
Telephone: (800) 344-9504, (617) 969-3487, Fax: (617) 969-4523
www.npcphoto.com

**Model MF-1 for Hasselblad Cameras**
The Model MF-1 is used for proofing with all Hasselblad cameras except the Superwide and ELM models. The image size is 6 x 6 cm and the back includes a stainless steel dark slide and dark slide holder.

**Film:** All Polaroid 3 1/4 x 4 1/4 in. pack films and square format films.
**Pricing:** Contact the manufacturer.
**Sourcing:** Contact the manufacturer.

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**Model 195 Instant Proofing Camera**
This manual f-stop and shutter speed professional quality instant proofing camera is for use by fine artists, street, and social photographers. The metal 3 x 4 inch camera has a folding front standard and sports a cable shutter release mounted on the camera body to release the shutter. It features a coupled rangefinder/viewfinder with parallax correction, and a 114 mm f/4.5 glass Tominon lens mounted in a Copal O shutter with T,B 1 second to 1/500 of a second shutter speeds.

**Film:** All Polaroid 3 x 4 in. pack films
**Pricing:** Contact the manufacturer.
**Sourcing:** Contact the manufacturer.
Model MF-2 for Hasselblad Cameras
The Model MF-2 is used for proofing with all Hasselblad cameras. It incorporates a fiber-optic bundle between the camera and the film holder. This film holder ensures the optimal sharpness possible on any Hasselblad camera. The image size is 6 x 6 cm and the back includes a stainless steel dark slide and dark slide holder.

Film: All Polaroid 3 1/4 x 4 1/4 in. pack films and square format films.
Pricing: Contact the manufacturer.
Sourcing: Contact the manufacturer.

Model MF-3 for Mamiya RB-67
The Model MF-3 is used for proofing with Mamiya RB-67 cameras. The back fits directly on the back of the camera body in place of the normal R-adapter and does not require the use of a P-adapter. The image size is 7 x 7 cm and the back includes a stainless steel dark slide and dark slide holder.

Film: All Polaroid 3 1/4 x 4 1/4 in. pack films and square format films.
Pricing: Contact the manufacturer.
Sourcing: Contact the manufacturer.
NPC Photo Division
1238 Chestnut Street, Newton Upper Falls, MA 02164
Telephone: (800) 344-9504, (617) 969-3487, Fax: (617) 969-4523
www.npcphoto.com

Model MF-4 for Mamiya RZ-67
The Model MF-4 is used for proofing with Mamiya RZ-67 cameras. The image size is 7 x 7 cm and the back includes a stainless steel dark slide and dark slide holder.

Film: All Polaroid 3 1/4 x 4 1/4 in. pack and square format films.
Pricing: Contact the manufacturer.
Sourcing: Contact the manufacturer.

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1238 Chestnut Street, Newton Upper Falls, MA 02164
Telephone: (800) 344-9504, (617) 969-3487, Fax: (617) 969-4523
www.npcphoto.com

Model MF-5 for Bronica ETR-S and ETR-SI
The Model MF-5 is used for proofing with Bronica ETR-S and ETR-SI cameras. The image size is 4.5 x 6 cm and the back includes a stainless steel dark slide and dark slide holder.

Film: All Polaroid 3 1/4 x 4 1/4 in. pack films and square format films.
Pricing: Contact the manufacturer.
Sourcing: Contact the manufacturer.
NPC Photo Division
1238 Chestnut Street, Newton Upper Falls, MA 02164
Telephone: (800) 344-9504, (617) 969-3487, Fax: (617) 969-4523
www.npcphoto.com

Model MF-14 for Bronica SQ-A and SQ-AI
Model MF-14 is used for proofing with Bronica SQ-A and SQ-AI cameras. The image size is 6 x 6 cm and the back includes a stainless steel dark slide and dark slide holder.

Film: All Polaroid 3 1/4 x 4 1/4 in. pack films and square format films.

Pricing: Contact the manufacturer.

Sourcing: Contact the manufacturer.

Model MF-15 for Bronica GS-1
The Model MF-15 is used for proofing with Bronica GS-1 cameras. The image size is 6 x 7 cm and the back includes a stainless steel dark slide and dark slide holder.

Film: All Polaroid 3 1/4 x 4 1/4 in. pack films.

Pricing: Contact the manufacturer.

Sourcing: Contact the manufacturer.
Professional Photography

NPC Photo Division
1238 Chestnut Street, Newton Upper Falls, MA 02164
Telephone: (800) 344-9504, (617) 969-3487, Fax: (617) 969-4523
www.npcphoto.com

Model MF-16
The Model MF-16 is used for proofing with Fuji 6 x 680 medium format cameras.

Film: All Polaroid 3 1/4 x 4 1/4 in. pack films.
Pricing: Contact the manufacturer.
Sourcing: Contact the manufacturer.

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Telephone: (800) 344-9505, (617) 969-3487, Fax: (617) 969-4523
www.npcphoto.com

Model MF-17 for Mamiya 645 Super
The Model MF-17 attaches directly to the Mamiya 645 Super camera to produce full-size, 6 x 4.5 cm, proofing shots on any Polaroid 3 1/4 x 4 1/4 inch pack film. The proofing back includes a stainless steel dark slide and dark slide holder.

Film: All Polaroid 3 1/4 x 4 1/4 in. pack films.
Pricing: Contact the manufacturer.
Sourcing: Contact the manufacturer.
NPC Photo Division
1238 Chestnut Street, Newton Upper Falls, MA 02164
Telephone: (800) 344-9504, (617) 969-3487, Fax: (617) 969-4523
www.npcphoto.com

Model MF-24 ProBack for Pentax 645
This back allows the use of all Polaroid 3 1/4 x 4 1/4 in. pack films in the popular Pentax 645 medium format camera, including Polacolor Pro 100 professional proofing film and Type 665 P/N film which delivers a reproducible B&W negative.

Film: All Polaroid 3 1/4 x 4 1/4 in. pack films.
Pricing: Contact the manufacturer.
Sourcing: Contact the manufacturer.

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Telephone: (800) 344-9504, (617) 969-3487, Fax: (617) 969-4523
www.npcphoto.com

Model MF-52 Film Holder
Hasselblad camera proofing back that produces two separate images on each sheet of Polaroid color or black-and-white 4 x 5 inch pack film. Works with all Polaroid Type 500 series films and all Hasselblad cameras except the Superwide and motorized models.

Film: All Polaroid 4 x 5 in. pack films.
Pricing: Contact the manufacturer.
Sourcing: Contact the manufacturer.
NPC Photo Division
1238 Chestnut Street, Newton Upper Falls, MA 02164
Telephone: (800) 344-9504, (617) 969-3487, Fax: (617) 969-4523
www.npcphoto.com

Pro Back II
The Pro Back II will fit any 35mm camera with a removable door. A free-floating fiber-optic plate fits onto the camera film plane. This glass contains four million cords of glass that transmit the light back to the new film plane onto the Polaroid pack film, losing only about one-fourth of an f/stop. Pulling the white tab approximately half-way permits the exposure of a second image. This system allows the professional to proof with the same lens that will ultimately be used for the product shot.

Specifications:
- Weight - 113.4 g, Dimensions - 165 x 114 x 25 mm.
- Film: All Polaroid 3 1/4 x 4 1/4 in. pack films.
- Pricing: Contact the manufacturer.
- Sourcing: Contact the manufacturer.

The Pro Back II is compatible with the following cameras:

- Canon F1
- Canon T90
- Canon EOS 620, 630, 650, RT
- Canon A1, AE1
- Canon EOS-1
- Canon EOS-1 (with Power Booster)
- Canon EOS-3
- Contax RTS III
- Leica R4, R5, R6, R7, R8
- Minolta X-370 & 570
- Minolta XD11
- Minolta Maxxum 9000
- Minolta 7000i & 8000i
- Minolta 7xi, 9xi, 9
- Minolta Maxxum 7000
- Nikon FE, FM, FE2, FE2
- Nikon F
- Nikon F
- Nikon F
- Nikon FA
- Nikon 8008, 8000s
- Nikon N90
- Nikon F4
- Nikon F-5 (no focus control)
- Nikon F-5FC (with focus control)
- Nikon F3 with motor drive
- Olympus OM-1, OM-2, OM-3, OM-4
- Custom (specify model when ordering. Call for price.)

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1238 Chestnut Street, Newton Upper Falls, MA 02164
Telephone: (800) 344-9504, (617) 969-3487, Fax: (617) 969-4523
www.npcphoto.com

Pro Back 67
The Pro Back 67 for proofing with the Pentax 6 x 7 camera comes with a special hinge that permits easy interchange with the standard camera back. The image size 6 x 7 cm.

Specifications:
- Weight - 113.4 g.
- Film: All Polaroid 3 1/4 x 4 1/4 in. pack films and square format pack films.
- Pricing: Contact the manufacturer.
- Sourcing: Contact the manufacturer.
**Pro Back for the Mamiya 6/Mamiya 7**

This camera back allows you to proof with the Mamiya 6 (or Mamiya 7). It comes with a special hinge that permits easy interchange with the standard camera back. A high quality free-floating fiber-optic bundle mounted inside the ProBack transfers the point of focus from inside the Mamiya camera body into the Polaroid film chamber. Because of the high quality of the fibre optic material, there is no image degradation and no discernible light loss.

**Film:** All Polaroid 3 1/4 x 4 1/4 in. pack films.

**Pricing:** Contact the manufacturer.

**Sourcing:** Contact the manufacturer.

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**4x5 Proofing Back for Polaroid pack cameras**

This camera back allows you to use the Model 545i 4x5 sheet film holder with the Polaroid 600SE camera and other Polaroid instant passport cameras that are designed for use with 3 1/4 x 4 1/4 in. pack film. It accommodates all Polaroid 4x5 sheet film, as well as Kodak Readyload conventional films.

**Film:** All Polaroid 4x5 sheet films, Kodak 4x5 Readyload films.

**Pricing:** Contact the manufacturer.

**Sourcing:** Contact the manufacturer.
NPC Photo Division  
1238 Chestnut Street, Newton Upper Falls, MA 02164  
Telephone: (800) 344-9504, (617) 969-3487, Fax: (617) 969-4523  
www.npcphoto.com  

Tandem 77 (MF-34)  
The Tandem 77 allows the use of Polaroid 4x5 sheet films with either the Mamiya RB-67 or the RZ-67, producing a 72 mm square image with single sheet exposure convenience. Adapters for both cameras are included in the kit, along with a modified Polaroid 545i film holder. In addition, Kodak Readyload film products may be exposed in the holder, and sent out for normal lab processing.  

Film: All Polaroid 4 x 5 sheet films.  
Pricing: Contact the manufacturer.  
Sourcing: Contact the manufacturer.  

ROLLEI fototechnic  
Salzdahlumer St 196, 3300 Braunschweig, Germany  
Telephone: 49-0531-68-00-370, Fax: 49-531-68-00-243  
www.rolleifoto.com  
Distributor: H.P. Marketing  
Telephone: (201) 808-9010, Fax: (201) 808-9004  

Proofing Back for the Rolleiflex SL66SE  
This camera back allows you to use Polaroid pack films with the Rolleiflex SL66SE. The camera is a medium format professional camera system that features built-in bellows for close-up work, lens mounting for extending depth of field, TTL exposure metering, TTL automatic flash control, focal plane shutter, and Zeiss lenses from 30 to 1000mm.  

Film: All Polaroid 3 1/4 x 4 1/4 in. pack films.  
Pricing: Contact the distributor.  
Sourcing: Contact the distributor.
**Tamron Co., Ltd.**
1385, Hasumuna, Omiya-Shi, Saitama, 330-8556, Japan
Telephone: 048-687-9728, Fax: 048-687-9729,
Telex: 2962733 BRONCJ
http://www.tamron.co.jp
Distributor: Tamron Industries, Inc.
125 Schmitt Blvd., Farmingdale, NY 11735
Telephone: (516) 694-8700, Fax: (516) 694-1414
www.tamron.com

**Bronica ETRSı**
The Bronica ETRSı is a single-lens reflex, 6 x 4.5 cm lens camera
with interchangeable lenses and film backs. Film backs for 120/220
roll film and Polaroid 3 1/4 x 4 1/4 in. pack film are available (Type
E). The shutter is a T.B. 1/500 sec. shutter; the standard lens is a
Zenzanon-PE 75mm f/2.8 lens.

**Specifications:**
- Weight - 1.2 kg,
- Dimensions - 92 x 107 x 165 mm.

**Film:**
- All Polaroid 3 1/4 x 4 1/4 in. pack films.

**Pricing:**
- Contact the distributor.

**Sourcing:**
- Contact the distributor.

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**Tamron Co., Ltd.**
1385, Hasumuna, Omiya-Shi, Saitama, 330-8556, Japan
Telephone: 048-687-9728, Fax: 048-687-9729,
Telex: 2962733 BRONCJ
http://www.tamron.co.jp
Distributor: Tamron Industries, Inc.
125 Schmitt Blvd., Farmingdale, NY 11735
Telephone: (516) 694-8700, Fax: (516) 694-1414
www.tamron.com

**Bronica GS-1**
The Bronica GS-1 is a single-lens reflex, 6 x 6 cm lens camera with
interchangeable lenses and film backs. Film backs for 120/220 roll
film and Polaroid 3 1/4 x 4 1/4 in. pack film are available (Type G).
The shutter is a T.B. 1/500 sec. shutter; the standard lens is a
Zenzanon-PG 100mm f/3.5 lens.

**Specifications:**
- Weight - 1.8 kg (with lens),
- Dimensions - 106 x 117 x 196 mm.

**Film:**
- All Polaroid 3 1/4 x 4 1/4 in. pack films.

**Pricing:**
- Contact the distributor.

**Sourcing:**
- Contact the distributor.
Proofing Backs

Victor Hasselblad AB
Ostra Hamngatan 3, Box 220, S-401 23 Goteborg, Sweden
Telephone: 46-31-102400, Fax: 46-31-135074
Distributor: Hasselblad U.S.A. Inc.
10 Madison Road, Fairfield, NJ 07004
Telephone: (201) 227-7320, Fax: (201) 227-3249,
Literature: (800) 338-6477
www.HasselbladUSA.com

Hasselblad 503CW and other Hasselblad Cameras
The PolaBasic (#30205) and PolaPlus (#30200) Polaroid camera backs, produced by Victor Hasselblad AB, are compatible with all Hasselblad SLR models built since 1957, including the 500ICM, 503CW, 555ELD, 903SWC, 202SA, 203SE and 205SC2 Hasselblad cameras. They also fit the 903SWC cameras. The camera backs can be used in conjunction with all waist-level viewfinders, PM5, PME51, and all PM series prism viewfinders, plus all PME series light metering prisms. The PolaBasic back is for the U.S.A. only, and the PolaPlus back is for all markets except the U.S.A.

Other features:
Built-in optically ground and polished glass plate lies between the film and camera body to ensure image sharpness with all lens apertures and Polaroid pack films.

Film:
All Polaroid 3 1/4 x 4 1/4 in. pack films.

Pricing:
Contact the distributor.

Sourcing:
Contact the distributor.

Tamron Co., Ltd.
1385, Hasumuna, Omiya-Shi, Saitama, 330-8556, Japan
Telephone: 048-687-9728, Fax: 048-687-9729,
Telex: 2962733 BRONCJ
http://www.tamron.co.jp
Distributor: Tamron Industries, Inc.
125 Schmitt Blvd., Farmingdale, NY 11735
Telephone: (516) 694-8700, Fax: (516) 694-1414
www.tamron.com

Bronica SQ-AI
The Bronica SQ-AI is a single-lens reflex, 6 x 6 cm lens camera with interchangeable lenses and film backs. Film backs for 120/220 roll film and Polaroid 3 1/4 x 4 1/4 in. pack film are available (Type SQ-AI). The shutter is a T.B. - 1/500 sec. shutter; the standard lens is a Zenzanon PS 80mm f/2.8.

Specifications:
Weight - 1.5 kg, Dimensions - 920 x 1090 x 1790 mm.

Film:
All Polaroid 3 1/4 x 4 1/4 in. pack films.

Pricing:
Contact the distributor.

Sourcing:
Contact the distributor.
Instant 20 by 24 camera processor

The Wisner Company, manufacturer of all sizes of wooden view cameras for the fine art and professional photography market, is now offering a limited edition 20 x 24 instant imaging system. It consists of a 20 x 24 film holder and processor for use with Polaroid’s instant 20 x 24 films. This new off-camera processing system will join the five 20 x 24 Polaroid instant processing systems available throughout the world.

Specifications:
- Separate 20x24 Camera, Processor & Film holder
- 20x24 Camera has full view Camera movements
- Film holder accepts one standard roll of Polaroid 20x24 instant negative
- Processor accepts standard roll of Polaroid instant positive material.
- Processor accepts individual chemical processing pods.
- Camera weighs approx. 50lbs.
- Holder weighs approx. 20 lbs.
- Processor weighs approx. 35 lbs.

Pricing: Contact the manufacturer.
Pricing: Contact the manufacturer.
The 45 Single
This lightweight camera is a 4x5 adaptation to Polaroid’s 110 A & B manually adjustable roll film cameras. Weighing only 3.5 pounds, it is the excellent choice for the location photographer who wants the quality of 4x5 film for his portraits, fashion, travel, events and other applications that require hand held capability with high quality. The camera comes with standard Graflock back for use with Polaroid instant film holders or conventional wet process holders.

Specifications:
- Modified 110 series Polaroid roll film camera to accept 4x5 sheet film holders.
- 545, 545I, 545 Pro, 405 & 550 Polaroid Instant holders plus conventional holders
- Standard 4x5 Graflock adapter
- Coupled rangefinder
- Manually adjustable f-stops & shutter speeds
- Weight, 3.5 lbs.

Pricing:
Contact the manufacturer.

Sourcing:
Dealers YTD. Interested dealers, contact the manufacturer.
Funakoshi Co., Ltd.
9-7 Hongo 2-Chome, Bunkyo-ku, Tokyo, Japan
Telephone: 03 (5684) 1619, Fax: 03 (5684) 5643
www.funakoshi.co.jp

**Funaroid**
This copy camera is designed to record the test results of electric chromatography. It is similar in function to the Polaroid MP-4, but is lower cost and simpler to use.

**Specifications:**
- Weight: 15.5 kg
- Dimensions: 450 (W) x 500 (D) x 1000 (H) mm
- Electrical input: 100VAC
- Output: 6VDC/1A
- Magnification: 0.25X to approx. 2.0X

**Film:**
- Polaroid Type 331, 337, 665, 667 (depending on film back).

**Pricing:**
Contact the manufacturer or Polaroid Corporation.

**Sourcing:**
Contact the manufacturer.

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Tomy Seiko Co., Ltd.
14-17 Tagara 3-Chome, Nerima-Ku, Tokyo, Japan 176-0073
Telephone: 03-5987-3111
hos@tomys.co.jp

**IC-200A**
The IC-200A has a built-in hood for imaging chromatographs on a mini-gel on top of a light box. It comes with an AutoFilm camera back.

**Specifications:**
- Weight: 1.2 kg
- Dimensions: 220 x 360 x 220 mm
- Electrical inputs: 6VDC (AM3x4)

**Film:**
- Polaroid Film Type 337.

**Pricing:**
Contact the manufacturer or Polaroid Corporation.

**Sourcing:**
Contact the manufacturer.
**Lester A. Dine, Inc.**  
PGA Commerce Park, 351 Hiatt Dr, Palm Beach Gardens, FL 33418  
Telephone: (800) 624-9103, Fax: (800) 624-9103

**Dine Instant Close-up Camera, Model IV**  
This close-up camera is designed for dental use. The package contains everything needed to take flash pictures of small objects or small areas of large objects.

**Other features:** Lightweight, fixed focus, designed to be hand-held. Each close-up lens (gold, blue or green) is set for a specific focus and field size.

**Applications:** Insurance reimbursement (additional evidence accompanying x-rays), patient education, record of work done.

**Specifications:**  
- Weight: 1.4 kg.

**Film:** Polaroid Film Types 600/779.

**Pricing:** Contact the manufacturer.

**Sourcing:** Contact the manufacturer.

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**Photo Med International**  
15500 Erwin Street, #1021, Van Nuys, CA 91411  
Telephone: (818) 908-5369, Fax (818) 908-5370

**PhotoMed Impulse-D**  
This dental camera is the most affordable instant intra-oral camera system available. It comes with everything you need to take portrait and profile views, 1:1 and 2:1 anterior views, and 1:1 occlusal and buccal mirror views.

**Other features:** Comes with a sturdy carrying case to protect the camera and accessories.

**Film:** Polaroid Film Types 600/779 (Type 779 is recommended).

**Pricing:** Contact the manufacturer.

**Sourcing:** Contact the manufacturer.

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*See also Close-Up Cameras/Small Object Photography under Close-Up Photography (page 1).*
ScanRite Systems  
4368 Enterprise Street, Freemont, CA 94538  
Telephone: (510) 490-8999  
www.smithdental.com  

ScanRite Dental Scanner  
The ScanRite Dental Scanner scans full 41 mm dental x-rays in seconds, so that the images can be easily stored, retrieved, and transmitted. The easy-to-use system is designed for office use by dentists, technicians, and administrative personnel.  

Applications: Scanning of dental x-rays for easy storage, retrieval, and transmission.  
Specifications: IBM-compatible computer with Pentium Processor, 8 MB RAM, and Microsoft Windows 95.  
Pricing: Contact the manufacturer.  
Sourcing: Contact the manufacturer.
Olympus Optical Co., Ltd.
San-Ei Building, 22-2 Nishi-Shinjuku 1-Chome, Shinjuku-ku
Tokyo 163, Japan
Telephone: 03 (3340) 2248
http://www.olympus.co.jp
Distributor: Olympus America Inc.
Two Corporate Center Drive, Melville, NY 11747-3157
Telephone: (516) 844-5000, (800) 446-5967

Olympus GF-UM 20/EU-M20
This unit combines ultrasonography-endoscopy and gastrofiberscopy in one unit. It operates at a frequency of 7.5 mHz, and produces images with a diameter of 7mm or 30mm. Uses radial scanning.

Specifications:
- Weight: 11.0 kg
- Dimensions: 450 (W) x 480 (H) x 280 (D) mm.
- Film: Polaroid Film Type 600/779.
- Pricing: Contact the distributor.
- Sourcing: Contact the distributor.

Olympus Optical Co., Ltd.
San-Ei Building, 1-22-2 Nishi-Shinjuku 1-Chome, Shinjuku-ku,
Tokyo 163, Japan
Telephone: 03 (3340) 2248
Distributor: Olympus America Inc.
Two Corporate Center Drive, Melville, NY 11747-3157
Telephone: (516) 844-5000, (800) 446-5967

Olympus OSCL Colposcope
The Olympus OSCL Colposcope is used for gynecological photography. It has a magnification range of 1.1 - 3.2X, and produces images from 45 to 15.5 mm in diameter.

Other features:
- TRI-1/400 Copal #0 type shutter,
- tungsten lighting.

Specifications:
- Weight: 0.8 kg
- Dimensions: 150 x 120 x 70 mm,
- Polaroid photographic attachment model - OSC-CPB2.
- Film: Polaroid Time Zero, 3 1/4 x 4 1/4 in. pack films (depending on film back).
- Pricing: Contact the distributor.
- Sourcing: Contact the distributor.
Olympus Optical Co., Ltd.
San-Ei Building, 22-2 Nishi-Shinjuku 1-Chome, Shinjuku-ku
Tokyo 163, Japan
Telephone: 03 (3340) 2248
http://www.olympus.co.jp
Distributor: Olympus America Inc.
Two Corporate Center Drive, Melville, NY 11747-3157
Telephone: (516) 844-5000, (800) 446-5967

Olympus SCP-10
Olympus OES Instant Medical Camera SCP-10
This instant medical camera features a Xenon short-arch 300W lamp for illumination, automatic exposure, and shutter speeds from 1/4 to 1/100 sec.

Specifications: Weight - 1.2 kg, Dimensions - 160 x 60 x 130 mm.
Applications: Medical, industrial photography.
Film: Polaroid 3 1/4 x 4 1/4 in. pack films, Type 600/779 (depending on film back).

Pricing: Contact the distributor.
Sourcing: Contact the distributor.
**Canon Inc.**
53 Imaikami-machi, Nakahara-ku, Kawasaki, Japan
Telephone: 044 (733) 6111, Fax: 044 (3711) 2389
www.canon.co.jp
Distributor: Canon U.S.A. Inc. Headquarters
One Canon Plaza, Lake Success, NY 11042
Telephone: (516) 328-4634

**CR6-45NM Non-mydriasis**
This is a non-mydriatic camera that takes high quality pictures of the back of the eye.

**Other features:** Picture angle - 45°, Light source - 50W halogen lamp (through infrared filter), CCD camera (optional).

**Specifications:**
- Weight - 24 kg
- Dimensions - 325 (W) x 480 (L) x 585 (H) mm
- Electrical inputs - 110VAC, 50/60Hz, 300VAC with 35mm camera back

**Film:** Polaroid Film Types 600/779.

**Pricing:** Contact the distributor.

**Sourcing:** Contact the distributor.

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**Fukuda Denshi Co., Ltd.**
11-4, Yushima 2-Chome, Bunkyo-Ku, Tokyo, Japan
Telephone: 03-5800-5646, Fax: 5800-5655
http://www.fukuda.co.jp

**Non-mydriasis Retinal Camera FF-2000**
The Fukuda FF-1000 has the video monitor built into the body of the equipment. The omni-directional joystick allows for rapid alignment. Almost all patients can fixate easily with the automatic internal fixation lamp, which automatically adjusts for right and left eyes.

**Applications:** Diagnostic purposes, patient charts, patient education.

**Specifications:**
- Weight - 23.5 kg
- Dimensions - 300 (W) x 500 (D) x 550 (H) mm
- Electrical inputs - 100VAC, 50/60Hz.

**Film:** Polaroid Film Types 600/779.

**Pricing:** Contact the manufacturer or Polaroid Corporation.

**Sourcing:** Contact the manufacturer.
fx-500, Mydriasis
This fundus camera has an angle-of-view of 50° or 35°. At 50°, the photographic magnification is 2.0X; at 35°, 2.6X. The illumination source is a 12V, 50W halogen lamp.

Specifications:
- Weight: 35 kg
- Dimensions: 360 (W) x 520 (D) x 825 (H) mm.

Application: Fundus photography.

Film: Polaroid Film Types 600/779.

Pricing: Contact the distributor.

Sourcing: Contact the distributor.

Kowa PRO-I, Mydriasis
Kowa Professional Fundus Camera
This fundus camera has an angle-of-view of 50°, 35°, or 20°. At 50°, the photographic magnification is 5X; at 35°, 7.5X, at 20°, 12.4X. The illumination source is a 12V, 50W halogen lamp.

Other features:
- Film selections - ISO 75, 150, 200, 600, 3000.

Specifications:
- Weight: 109 kg
- Dimensions: 800 (W) x 575 (D) x 1145 (H) mm.

Applications: Fundus photography.

Film: All Polaroid 3 1/4 x 4 1/4 in. pack films, 600/779 (depending on film back).

Pricing: Contact the distributor.

Sourcing: Contact the distributor.
Nonmyd 5, Non-mydriasis
A non-mydriatic tool for viewing the fundus of the eye, the Nonmyd 5 has joystick control for easy operation. The camera has a picture angle of 45°. The illumination source is a 12V, 50W halogen lamp, and the electronic flash is a 300WS Xenon lamp.

Other features: 35mm motor-drive camera back, as well as a Polaroid film back.

Specifications:
- Weight: 32 kg
- Dimensions: 30 (W) x 580 (L) x 160 (H) mm
- Electrical inputs: 100VAC, 220VAC, 240AC, 117VAC.

Film: Polaroid Film Type 600/779.

Pricing: Contact the distributor.

Sourcing: Contact the distributor.

Medical Technology & Innovations, Inc.
3725 Investment Lane, Rivera Beach, FL 33404
Telephone: (561) 844-3486

MTI Europe, Ltd.
Endeavour House, 78 Stafford Road, Wallington, Surrey SM6 9AY, UK
Telephone: 44-181-395-7177, Fax: 44-181-395-9955

Photoscreener
The MTI Photoscreener is designed to take an instant photograph of a preverbal or difficult-to-screen child’s eyes in order to detect vision abnormalities. A single flash placed close to the center of the lens to accentuate the red-eye appearance causes abnormal refractive errors of the eye to be shown as white crescents on the film. Two exposures are captured on one photograph, one showing the vertical reflection and one the horizontal. Simple interpretation allows for early detection of various vision disorders.

Applications: Public health professionals, mass screening groups, pediatricians, family physicians, and eye doctors.

Specifications:
- Weight: 3.2 kg
- Dimensions: 297 (W) x 302 (L) x 157 (H) mm
- Electrical inputs: 120VAC, 60Hz; 100 to 240VAC, 50-60Hz; battery available.

Film: Polaroid Film Type 337.

Pricing: Contact the manufacturer.

Sourcing: Contact the manufacturer.
Nidek Sales Co. Ltd.
34-14 Maehama, Hiroishi-Cho, Gamagori Aichi, 443, Japan
Telephone: 0533-67-6111
http://www.nidek.co.jp

3-DX, Non-mydriasis
Simultaneous stereo photography can be performed under the non-mydriatic patient eye. The minimum pupil diameter must be 4 mm. Internal fixation target ensures proper position.

Specifications:
- Weight: 38 kg
- Dimensions: 370 (W) x 600 (L) x 580 (H) mm
- Electrical inputs: 100VAC, 120VAC, 220VAC, 240VAC.

Film: Polaroid Film Type 339.

Pricing:
Contact the manufacturer or Polaroid Corporation.

Sourcing:
Contact the manufacturer.

P.B.S.
Via E. Zago 7, 40128 Bologna, Italy
Telephone: 39 (51) 250 003, Fax: 39 (51) 250 468

VIP-5
The VIP-5 is a compact, portable B&W videoprinter for making high-resolution hard copy with Polaroid AutoFilm. This fully automatic single-button printer can also be used with a footswitch.

Applications:
Medical diagnostic imaging such as ultrasound and echocardiology.

Specifications:
- Weight: 6 kg
- Dimensions: 158 x 185 x 410 mm
- Electrical inputs: 220/240VAC, 50Hz (110VAC, 60Hz)
- Electrical outputs: Composite video signal Vpp, 5 in. flat-face monitor.

Film: Polaroid Film Types 331, 337.

Pricing:
Contact the manufacturer or Polaroid Corporation.

Sourcing:
Contact the manufacturer.
Retinal Camera TRC-NW5, Non-mydriasis

The video monitor is built in to the body of the unit for operator convenience. Omni-directional joystick control provides for rapid alignment. Almost all patients can fixate easily with the internal fixation lamp, which automatically adjusts for right and left eyes. Select the optimum angle of coverage: The TRC-NW5 gives you a choice of 45° and 20° angles of coverage.

Applications: Patient education, record keeping, diagnosis.

Specifications: Weight: 25 kg, Dimensions: 304 (W) x 553 (D) x 551 (H) mm, Electrical inputs - 100VAC, 120VAC, 220VAC, 240VAC, 50/60Hz.

Film: Polaroid Film Types 600/779.

Pricing: Contact the distributor or Polaroid Corporation.

Sourcing: Contact the distributor.
**Topcon Corporation**
75-1 Hasunuma-cho, Itabashi-ku, Tokyo 174, Japan
Telephone: 03 (3558) 2506
http://www.topcon.co.jp
Distributor: Topcon Medical Co., Ltd.
3-35-4 Hongo, Bukyo-ku, Tokyo, Japan
Telephone: 03 (3813) 6511

**Variable Angle Retinal Camera TRC-50X**
The TRC-50X is a retinal photography unit for eye disorder diagnosis. It offers variable angle coverage and photography through small pupils. Astigmatic correction device. The Model PA-50XC takes Polaroid Film Type 779 and the Model PA-50XF takes Polaroid Film Type 667.

**Specifications:**
- Weight: 42 kg
- Dimensions: 730 (W) x 660 (H) x 492 (L) mm (50VT)
- Electrical inputs: 100VAC, 120VAC, 220VAC, 240VAC, 50/60Hz.

**Film:**
- Polaroid Film Types 667, 779, 600.

**Pricing:**
- Contact the distributor or Polaroid Corporation.

**Sourcing:**
- Contact the distributor.
**Funakoshi Co., Ltd.**
9-7 Hongo 2-chome, Bunkyo-ku, Tokyo, Japan
Telephone: 03 (5684) 1619, Fax: 03 (5684) 5643
www.funakoshi.co.jp

**FUNA-Microplate Camera**
This camera features a built-in transmitted light source for photographing microplate, and is used to record the test results of particle agglutination.

**Specifications:**
- Weight: 15 kg
- Dimensions: 400 (W) x 360 (D) x 4600 (H) mm
- Electrical input: 100VAC
- Output: 6VDC/1A
- Magnification: 0.875X (low), 1.188X (high)

**Film:**
- Polaroid Type 339

**Pricing:**
- Contact the manufacturer or Polaroid Corporation

**Sourcing:**
- Contact the manufacturer

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**Mast Immunosystems**
630 Clyde Court, Mountain View, CA 94043
Telephone: (415) 961-5501, Fax: (415) 961-2745

**Mast CLA Allergy System**
This allergy blood testing unit features affordability, simplicity, and the convenience of in-office use. High-quality results available in six hours for up to six allergen groups, using chemiluminescence to produce images on Polaroid Type 57 film in a modified Model 545i film holder.

**Film:**
- Polaroid Film Type 57 (as tested by Mast for compatibility)

**Pricing:**
- Contact the manufacturer

**Sourcing:**
- Contact the manufacturer

*See also Microscopy (Optical) under Scientific/Engineering Photography (page 70).*
APC-2
The APC-2 produces two all-photo ID cards or badges on each sheet of instant film. Using a pre-printed 80-column card, the APC-2 puts the photograph on the right side of a card on the top of a badge. Formats include - 60% data/40% subject, 50% data/50% subject, vertical or horizontal configuration.

Specifications:
- Electrical inputs - 110VAC or 220VAC (switchable).
- Film: All Polaroid 3 1/4 x 4 1/4 in. pack films.
- Pricing: Contact the manufacturer.
- Sourcing: Contact the manufacturer.

LD3
The LD3 is your best choice for high-security identification cards that require more data area. It images two all-photo cards on each sheet of instant film for quick and economical ID cards. Card formats include “L”-shaped data (photo upper left or lower right), or logo data (40% photo on left).

Other features:
- Built-in flash unit, flash boost button, aiming light, double-exposure prevention, integral desk stand, electronic shutters, security key switch.

Specifications:
- Electrical inputs - 110VAC or 220VAC.
- Film: All Polaroid 3 1/4 x 4 1/4 in. pack films.
- Pricing: Contact the manufacturer.
- Sourcing: Contact the manufacturer.
**Shackman Instruments, Ltd.**
Unitek House, Oxford Road, Tatling End, Gerrards Cross, Bucks., England SL9 7BB
Telephone: 44-1753-890-500, Fax: 440-1753-480-803

**All-Photo ID Camera**
The All-Photo ID Camera is a highly secure system with an advanced optical design that merges the portrait with the background, creating a tamper-proof ID card. It produces two cards on each sheet of Polaroid pack film.

**Other features:** A validation plate that can be stored separately for extra security, a digital timer, separate flash intensity control for subject and data card, built-in aim light.

**Specifications:** Weight - 6.75 kg, Dimensions - 265 (W) x 260 (D) x 460 (H) mm.
**Film:** Polaroid 3 1/4 x 4 1/4 in. pack films (Polacolor 100 recommended).
**Pricing:** Contact the manufacturer or Polaroid Corporation.
**Sourcing:** Contact the manufacturer.

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**Acmel Co., Ltd.**
2-3-7 Hirakawa-Cho, Chiyoda-ku, Tokyo 102, Japan
Telephone: 81 03 (3264) 5111, Fax: 81 03 (3239) 7230

**Acmel Instant ID-IIB**
This instant ID system features a 75mm f/4.5 portrait lens, a 1/30 second shutter, and an aiming light that positions the subject 1.2m from the camera. The operator can choose one of four positions for the portrait.

**Specifications:** Weight - 7.2 kg, Electrical inputs - 100VAC, 1 Amp, Dimensions - 340 (H) x 330 (W) x 200 (D) mm.
**Film:** Polaroid Film Type 669.
**Pricing:** Contact the manufacturer or Polaroid Corporation.
**Sourcing:** Contact the manufacturer.

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*See also Entertainment Imaging under Special Event Photography (page 87).*
**Portrait Model 2**
This ID system features two lenses that produce two pictures of the same pose on one piece of film (two 4.6 x 7.3 cm images). Camera is light-weight, compact and easy to handle.

**Specifications:**
- Weight: 750 g
- Dimensions: 172 (W) x 173 (D) x 175 (H) mm.
- Film: Polaroid 3 1/4 x 4 1/4 in. pack films.
- Pricing: Contact the manufacturer or Polaroid Corporation.
- Sourcing: Contact the manufacturer.

**Portrait Model 4**
This ID camera features four lenses that produce four pictures on the same piece of film and is suitable for various ID applications. Various image sizes can be produced depending on the frame used.

**Specifications:**
- Dimensions: 180 (W) x 173 (D) x 170 (H) mm.
- Film: All Polaroid 3 1/4 x 4 1/4 in. pack films.
- Pricing: Contact the manufacturer or Polaroid Corporation.
- Sourcing: Contact the manufacturer.
**Beattie Systems**
2407 Guthrie Avenue, Cleveland, TN 37311
Telephone: (800) 251-6333, (423) 479-8566, Fax: (423) 476-6171

**Two-Four-One**
The Two-Four-One is an ID and passport photo camera all in one. Depending on camera orientation (horizontal or vertical), it takes either two identical passport pictures or two pairs of identical ID pictures or four individual pictures.

**Specifications:**
- Electrical input - 110VAC.
- Film: All Polaroid 3 1/4 x 4 1/4 in. pack films.
- Pricing: Contact the manufacturer.
- Sourcing: Contact the manufacturer.

**Cambo Fotografische Industrie BV**
Haatlanderdijk 45, 8263 AP Kampen, The Netherlands
Telephone: 31-38-331-4644, Fax: 31-38-331-5110

**PP 20**
The Cambo Passportrait Camera Model 20 has two lenses with a fixed focus distance of 1.25 m, and delivers two identical pictures or two different pictures. Each portrait measures 46 x 72 mm.

**Other features:**
- Optical viewfinder, removable pack film holder.

**Specifications:**
- Weight - 1.2 kg, Dimensions - 180 x 140 x 120 mm.
- Film: All Polaroid 3 1/4 x 4 1/4 in. pack films, including B&W positive/negative film Type 665.
- Pricing: Contact the distributor.
- Sourcing: Contact the distributor.
Cambo Fotografische Industrie BV
Haatlanderdijk 45, 8263 AP Kampen, The Netherlands
Telephone: 31-38-331-4644, Fax: 31-38-331-5110
Distributor: Calumet Photographic
890 Supreme Drive, Bensenville, IL 60106
Telephone: (800) Calumet

PP 40
The Cambo Passportrait Camera Model 40 has four matched lenses with a fixed focus distance of 1.25 m, and offers a choice of four identical or four different pictures, or two different sets of two identical pictures. Each portrait measures 36 x 46 mm.

Other features: Bright-frame optical viewfinder, removable pack film holder.
Specifications: Weight - 1.2 kg; Dimensions - 180 x 140 x 120 mm.
Film: All Polaroid 3 1/4 x 4 1/4 in. pack films, including B&W positive/negative film Type 665.

Pricing: Contact the distributor.
Sourcing: Contact the distributor.

Cambo Fotografische Industrie BV
Haatlanderdijk 45, 8263 AP Kampen, The Netherlands
Telephone: 31-38-331-4644, Fax: 31-38-331-5110
Distributor: Calumet Photographic
890 Supreme Drive, Bensenville, IL 60106
Telephone: (800) Calumet

PP 45
The Cambo Passportrait Camera Model 45 offers even more possibilities than the Model 40. The camera has four matched lenses that can be focused at any distance between 1.25 and 4 meters, so you can control the proportions of the subject being photographed. The camera offers a choice of four identical or four different portraits, or two different sets of two identical portraits on each sheet of film. Each portrait measures 36 x 46 mm.

Other features: Bright ground glass focusing, parallax-corrected rangefinder/viewfinder, removable pack film holder.
Specifications: Weight - 1.2 kg, Dimensions - 180 x 140 x 120 mm.
Film: All Polaroid 3 1/4 x 4 1/4 in. pack films.
Pricing: Contact the distributor.
Sourcing: Contact the distributor.
**Ekasilp Industry Ltd., Part**  
20/25 M5, Soi Petchkasem 48, Petchkasem Street,  
Bangkok 10160, Thailand  
Telephone: (662) 457-0123, (662) 457-0124, Fax: (662) 457-3954

**ID-2V**
The ID-2V identification camera produces two 46 x 73 mm photographs on each sheet of Polaroid 3 1/4 x 4 1/4 inch instant color or black-and-white print film. The camera features two coated glass lenses with a fixed focal distance of 1.0 meter, an eye-level reflected viewfinder, x-synchronization and a hot shoe for electronic flash, and interchangeable film holders. The continuously variable aperture produces accurate exposures with any standard electronic flash.

**Specifications:**  
Weight - 1.0 kg, Dimensions - 24 x 15 x 22 cm  
Film: All Polaroid 3 1/4 x 4 1/4 in. pack films.  
Pricing: Contact the manufacturer.  
Sourcing: Contact the manufacturer.

**Ekasilp Industry Ltd., Part**  
20/25 M5, Soi Petchkasem 48, Petchkasem Street,  
Bangkok 10160, Thailand  
Telephone: (662) 457-0123, (662) 457-0124, Fax: (662) 457-3954

**ID-4RF**
The ID-4RF identification camera produces four 46 x 73 mm photographs on each sheet of Polaroid 3 1/4 x 4 1/4 inch instant color or black-and-white print film. The camera features a built-in electronic flash, four coated glass lenses with a fixed focal distance of 1.15 meters, a waist-level reflected viewfinder, x-synchronization and a hot shoe for electronic flash, and interchangeable film holders. The continuously variable aperture produces accurate exposures with any standard electronic flash.

**Specifications:**  
Weight - 1.3 kg, Dimensions - 24 x 15 x 26 cm  
Film: All Polaroid 3 1/4 x 4 1/4 in. pack films.  
Pricing: Contact the manufacturer.  
Sourcing: Contact the manufacturer.
Ekasilp Industry Ltd., Part  
20/25 M5, Soi Petchkasem 48, Petchkasem Street, 
Bangkok 10160, Thailand  
Telephone: (662) 457-0123, (662) 457-0124, Fax: (662) 457-3954

**ID-6R**  
The ID-6R identification camera produces six 46 x 73 mm photographs on each sheet of Polaroid 3 1/4 x 4 1/4 inch instant color or black-and-white print film. The camera features six coated glass lenses with a fixed focal distance of 1.45 meters, an eye-level reflected viewfinder, x-synchronization and a hot shoe for electronic flash, and interchangeable film holders. The continuously variable aperture produces accurate exposures with any standard electronic flash.  

**Specifications:**  
Weight - 1.1 kg, Dimensions - 24 x 15 x 22 cm

**Film:**  
All Polaroid 3 1/4 x 4 1/4 in. pack films.

**Pricing:**  
Contact the manufacturer.

**Sourcing:**  
Contact the manufacturer.

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H&H Camera Products  
10613 Sherwood Drive S.W., Tacoma, WA 98498  
Telephone: (206) 582-5767

**H&H 6-UP, 8-UP or 12-UP Identification Camera**  
This sturdy, hand-crafted ID camera features a unique sliding back with across and up-and-down movements and click-stop positions that allow multiple exposures on one sheet of film.  

**Other features:**  
Fast framing light beam, fully adjustable lens aperture, electronic shutter, electronic flash synchronized by miniature jack plug connectors. Order in 6-UP, 8-UP, or 12-UP configuration.  

**Applications:**  
Any identification card purpose, especially student cards, personalized baggage tag photos, etc.

**Specifications:**  
Weight - 3.2 kg, Dimensions - 240 x 267 x 152 mm, Electrical inputs - 120VAC, Electrical outputs - 120VAC on shutter, 12V on focusing lamp.

**Film:**  
All Polaroid 3 1/4 x 4 1/4 in. pack films.

**Pricing:**  
Contact the manufacturer.

**Sourcing:**  
Contact the manufacturer.
Hang Zhou Institute
Hang Zhou, P.R.C., 94 Xixi Road, Hang Zhou,
Zhejiang Province, China
Telephone: 0571-521972

**West Lake Model 6688**
The Hang Zhou West Lake Camera has four matched lenses that produce four identical pictures, four different pictures, or two different sets of two identical pictures. Picture-taking distance can be 1.2 or 1.8 m (with supplementary lens); each portrait measures 35 x 36 mm.

**Applications:** Smaller passport photos, ID cards, Visa applications, driver permits, or any other application where six smaller or identical images are required.

**Specifications:** Weight - 0.95 kg without batteries, Dimensions - 170 x 165 x 155 mm, Electrical inputs - 6 V, 1 Amp AC adapter (optional).

**Film:** Polaroid Film Types 87, 88 (U.S.A.), Polaroid Viva Color, Viva b/w 3000 (outside the U.S.A.).

**Pricing:** Contact the manufacturer or Polaroid Corporation.

**Sourcing:** Contact the manufacturer.

**Identitronics**
425 Lively Blvd., Elkgrove Village, IL 60007
Telephone: (708) 437-2654, Fax: (708) 437-2660

**Galaxy 200, 400, and 600**
The Galaxy Systems can produce two, four or six individual photos on one sheet of film. Professional ID cards can be made with the die-cutter and laminator.

**Other features:** Exposure control switch, keylock on-off switch, built-in power strip (4 outlets), 114 mm f/6 fixed focus glass lenses, tripod mount.

**Specifications:** Weight - 2.5 kg, Electrical inputs - 115VAC or 230VAC, 50-60Hz.

**Film:** Polaroid Film Types 667, 669.

**Pricing:** Contact the manufacturer.

**Sourcing:** Contact the manufacturer.
Identification Products Mfg., Co.
1020 Ashley Lane, Libertyville, IL 60048
Telephone: (847) 367-6452, Fax: (847) 367-7004

**MG-1, MG-1 HH**
The MG-1 and MG-1 HH provide the most economical way to produce four instant ID pictures on one sheet of Polaroid instant film. They feature a focus spotlight, variable output electronic flash and a 9:1 standard subject reduction.

**Other features:** Glass recessed lens, solid state modular PC board.

**Specifications:**
- **Weight:** 3.6 kg.
- **Film:** Polaroid Film Type 667, 669.
- **Pricing:** Contact the manufacturer.
- **Sourcing:** Contact the manufacturer.

Identification Products Mfg., Co.
1020 Ashley Lane, Libertyville, IL 60048
Telephone: (847) 367-6452, Fax: (847) 367-7004

**MX-2, 4, and 6**
The MX-2 produces two photos; the MX-4 four photos; and the MX-6 six photos on the same sheet of film. The MX-4 features a variable output electronic flash, a 10:1 standard subject reduction, 114 mm, f/6 fixed-focus glass lenses, color/B&W selector, a microprocessor-driven LCD display, keylock on-off switch, eight film timers and double-exposure prevention. The LCD display guides the user through the simple step-by-step operation.

**Specifications:**
- **Electrical inputs:** 115VAC or 230VAC, 50-60Hz.
- **Film:** Polaroid Film Types 667, 669.
- **Pricing:** Contact the manufacturer.
- **Sourcing:** Contact the manufacturer.
Identification Products Mfg., Co.
1020 Ashley Lane, Libertyville, IL 60048
Telephone: (847) 367-6452, Fax: (847) 367-7004

PK-8 Passport Camera
The PK8 Passport Camera produces two identical color photos on Polaroid pack film.

Other features: Electronic flash and aiming light, a pedestal, recessed lenses and a rugged steel and aluminum construction.

Film: Polaroid Film Type 669.

Pricing: Contact the manufacturer.

Sourcing: Contact the manufacturer.

Identification Products Mfg., Co.
1020 Ashley Lane, Libertyville, IL 60048
Telephone: (847) 367-6452, Fax: (847) 367-7004

ULT-4 Instant ID Camera
The ULT-4 produces one, two or four photos on one sheet of Polaroid pack film. It features a variable output electronic flash, an aiming light, an automatic processing timer, a power on-off or keylock switch, and a memory function that prevents double exposure, even when power is interrupted. An LCD display guides the user through the simple step-by-step operation.

Specifications: Weight - 3.4 kg, Dimensions - 241 x 152 x 152 mm, Electrical inputs - 115VAC or 230VAC, 50-60Hz.

Film: Polaroid Film Types 667, 669.

Pricing: Contact the manufacturer.

Sourcing: Contact the manufacturer.
Laminex, Inc.
8350 Arrowridge Blvd., Charlotte, NC 28273
Telephone: (800) 438-8850, (704) 679-8389, Fax: (704) 679-8453

**LX400D Composite Photo ID Camera**
The LX400D produces four B&W or color ID photos on one sheet of Polaroid film; one, two, three or four simultaneously. Fewer moving parts, the latest technology and premium components make it a reliable and durable photo ID camera. The microprocessor-controlled camera instructs the operator through an LCD display. The fixed focus distance is 0.8 to 1.5 m.

**Other features:** Aiming light, exposure adjustment controls, keyless security feature.

**Specifications:** Weight - 2.3 kg, Dimensions - 254 (W) x 152 (D) x 273 (H) mm, Electrical inputs - 115VAC, 50-60Hz or 230VAC, 50-60Hz.

**Film:** Polaroid Film Types 667, 669, Polacolor 100.

**Pricing:** Contact the manufacturer.

**Sourcing:** Contact the manufacturer.

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Laminex, Inc.
8350 Arrowridge Blvd., Charlotte, NC 28273
Telephone: (800) 438-8850, (704) 679-8389, Fax: (704) 679-8453

**Micro 400 Photo ID Camera**
The Micro 400 is a more economical version of the LX400. It produces one, two or four pictures of the same subject on one sheet of Polaroid film at the touch of the frame selector switch. The fixed focus distance is 0.8 to 1.5 m.

**Other features:** Aiming light, handles for easy positioning, reset switch to prevent double exposures.

**Specifications:** Weight - 2.5 kg, Dimensions - 216 (W) x 152 (D) x 273 (H) mm, Electrical inputs - 115VAC, 50-60Hz or 230VAC, 50-60Hz models available.

**Film:** Polaroid Film Types 667, 669, Polacolor 100.

**Pricing:** Contact the manufacturer.

**Sourcing:** Contact the manufacturer.
Laminex, Inc.
8350 Arrowridge Blvd., Charlotte, NC 28273
Telephone: (800) 438-8850, (704) 679-8389, Fax: (704) 679-8453

**LX600D**
The LX600D produces one, two, three, four or six pictures simultaneously and up to six pictures on one sheet of Polaroid film. Fewer moving parts, improvements in technology and premium components make it a reliable and durable photo ID camera. The microprocessor-controlled camera instructs the operator through an LCD display.

**Other features:** Aiming light, removable power cord, keyless security feature.

**Specifications:**
- Weight - 2.3 kg
- Dimensions - 273 x 273 x 152 mm
- Electrical inputs - 115VAC, 50-60Hz or 230VAC, 50-60Hz.

**Film:** Polaroid Film Types 667, 669.

**Pricing:** Contact the manufacturer.

**Sourcing:** Contact the manufacturer.

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Lupa di F. Agosto & Co. s.a.s.
Via Spilimbergo, 70, 33037 Pasian di Prato (Udine), Italy
Telephone: 390-432-400-557, Fax: 390-432-541-407

**Lupa 2**
The Lupa 2 camera has two achromatic 116 mm f/8 glass lenses that produce two pictures on one sheet of color or B&W 3 1/4 x 4 1/4 in. Polaroid film (each photograph is 47 x 72 mm).

**Other features:**
- Continuously variable lens apertures from f/8 to f/22, fixed 1/50th sec. shutter speed, fixed focus distance of 1 to 1.2 m, manual shutter with push button release, threaded connection for cable release, x-synchronization, bright-frame viewfinder for easy and accurate photo alignment, interchangeable film holder, tripod mount socket designed to accept 1/4 in. or 3/8 in. fittings, standard cold-shoe for electronic flash.

**Specifications:**
- Weight - 1.3 kg
- Dimensions - 240 x 210 x 180 mm.

**Film:**
- All Polaroid 3 1/4 x 4 1/4 in. pack films.

**Pricing:**
- Contact the manufacturer or Polaroid Corporation.

**Sourcing:**
- Contact the manufacturer.
Lupa di F. Agosto & Co. s.a.s.
Via Spilimbergo, 70, 33037 Pasian di Prato (Udine), Italy
Telephone: 390-432-400-557, Fax: 390-432-541-407

**Lupa 4**
This camera features four achromatic 116 mm f/8 glass lenses that produces four pictures on one sheet of color or B&W 3 1/4 x 4 1/4 in. Polaroid film (each picture is 36 x 47 mm).

**Other features:** Continuously variable apertures from f/8 to f/22, fixed 1/50th sec. shutter speed, fixed focus distance of 1.3 to 1.6 m, manual shutter with push button release, threaded connection for cable release, x-synchronization for electronic flash, bright-frame viewfinder for easy and accurate photo alignment, interchangeable film holder, tripod mount-socket designed to accept 1/4 or 3/8 in. fittings. Standard cold shoe for electronic flash.

**Specifications:**
- Weight - 1.3 kg
- Dimensions - 250 x 190 x 170 mm.

**Film:**
All Polaroid 3 1/4 x 4 1/4 in. pack films.

**Pricing:**
Contact the manufacturer or Polaroid Corporation.

**Sourcing:**
Contact the manufacturer.

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Lupa di F. Agosto & Co. s.a.s.
Via Spilimbergo, 70, 33037 Pasian di Prato (Udine), Italy
Telephone: 390-432-400-557, Fax: 390-432-541-407

**Lupa 6**
The Lupa 6 camera produces six pictures on one sheet of 3 1/4 x 4 1/4 in. film (each picture is 31 x 36 mm). An optional accessory allows you to make one, two or three images at a time.

**Other features:** Continuously variable apertures from f/8 to f/32, fixed focus distance of 1.3 to 1.6 m, manual shutter with button release, fixed 1/50th sec. shutter speed, x-synchronization for electronic flash, interchangeable film holder with dark slide, tripod socket designed to accept 1/4 or 3/8 in. fittings.

**Applications:** Smaller passport photos, ID cards, Visa applications, driver permits or any other application where six smaller or identical images are required.

**Specifications:**
- Weight - 1.2 kg
- Dimensions - 195 x 170 x 210 mm.

**Film:**
Polaroid Film Types 667, 669.

**Pricing:**
Contact the manufacturer or Polaroid Corporation.

**Sourcing:**
Contact the manufacturer.
Lupa di F. Agosto & Co. s.a.s.
Via Spilimbergo, 70, 33037 Pasian di Prato (Udine), Italy
Telephone: 390-432-400-557, Fax: 390-432-541-407

Lupa 6M
The Lupa 6M camera produces six pictures on one sheet of Polaroid color or B&W 4x5 film (each picture is 39 x 44 mm).

Other features: Continuously variable apertures from f/8 to f/22, fixed 1/50th sec. shutter speed, fixed focus distance of 1.1 to 1.3 m, manual shutter with push button release, threaded connection for cable release, x-synchronization socket for electronic flash, bright-frame viewfinder for easy and accurate photo alignment, interchangeable Polaroid Model 550 film holder, tripod socket designed to accept 1/4 or 3/8 in. fittings, standard cold shoe for electronic flash.

Specifications: Weight - 1.6 kg, Dimensions - 270 x 220 x 280 mm.

Film: All Polaroid 3 1/4 x 4 1/4 in. pack films.

Pricing: Contact the manufacturer or Polaroid Corporation.

Sourcing: Contact the manufacturer.

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Lupa di F. Agosto & Co. s.a.s.
Via Spilimbergo, 70, 33037 Pasian di Prato (Udine), Italy
Telephone: 390-432-400-557, Fax: 390-432-541-407

Passport Plus
The Passport Plus is a 4x5 camera with a fixed focus distance of 0.9 to 1.1 m. Two 125 mm and four 94 mm achromatic glass lenses expose six images on one piece of film.

Other features: Continuously variable lens apertures from f/8 to f/22, manual shutter with fixed speed of 1/50th sec. and built-in x-synchronization, bright-frame optical viewfinder for easy and accurate portrait composition, off-axis cold-shoe to eliminate red-eye phenomenon when using electronic flash, standard 4x5 camera back with locking pin for quick interchange of color and B&W pack film holders.

Specifications: Weight - 1.8 kg, Dimensions - 270 x 220 x 180 mm.

Film: All Polaroid 4x5 sheet and pack films.

Pricing: Contact the manufacturer or Polaroid Corporation.

Sourcing: Contact the manufacturer.
Marvel Photo Inc.
Box 2464, Tulsa, OK 74101
Telephone: (918) 836-0741, Fax: (918) 836-0949

2 UP ID Camera
A very inexpensive ID camera, the 2 UP ID Camera System includes electronic flash for foolproof pictures. A complete kit is available including camera, laminator, trim kit and case.

**Specifications:**
- Weight - 0.68 kg,
- Dimensions - Approx. 130 x 130 x 100 mm,
- Electrical inputs - 110VAC.

**Film:**
- Polaroid Film Types 87, 88 (U.S.A.), Polaroid Viva Color, Viva b/w 3000 (outside the U.S.A.).

**Pricing:**
Contact the manufacturer.

**Sourcing:**
Contact the manufacturer.

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Marvel Photo Inc.
Box 2464, Tulsa, OK 74101
Telephone: (918) 836-0741, Fax: (918) 836-0949

**Multiple Exposure Camera**
Depending on the model you order, the camera produces six, eight, twelve or fifteen pictures on one piece of 3 1/4 x 4 1/4 in. Polaroid film. It has a built-in flash for effortless output and once set up, picture production is fully automatic.

**Other features:**
- Takes pictures of various sizes and multiple subjects on one piece of film.

**Specifications:**
- Weight - 2 kg,
- Dimensions - 203 x 254 x 76 mm,
- Electrical inputs - AC to DC.

**Film:**
- Polaroid Film Type 669.

**Pricing:**
Contact the manufacturer.

**Sourcing:**
Contact the manufacturer.
More Charm Limited
Room 801, Tower 1, Harbour Centre, Hunghom Road, Kowloon, Hong Kong
Tel: 852-2773-6093 (Rep)
Fax: 852-2773-6917
E-mail: poptics@netvigator.com

ID-100 Instant Camera

Specification
Lens: 4X3 elements Japan glass lens
Power source: 4AA x 1.5V batteries or transformer
Recycling time: 8 sec
Flash operation range: 1.2 to 2.0m
Size: 18cm x 25cm x 26cm
Weight: 1.4kg (including batteries)

OER
11501 Sunset Hills Road, Reston, VA 22090
Telephone: (703) 471-1645, Fax: (703) 471-5993

ID40
The ID40 produces four photos on a single sheet of instant film, and is a low cost, high quality choice for photo ID. It features a frame select switch, double exposure prevention, built-in variable output flash, an aiming light, and a B&W/color selector.

Specifications:
- Electrical inputs - 110VAC or 220VAC.
- Film: All Polaroid 3 1/4 x 4 1/4 in. pack films.
- Pricing: Contact the manufacturer.
- Sourcing: Contact the manufacturer.
ID-124
The affordable ID-124 "cut and paste" identification camera creates four high-quality images on each sheet of film. Frame select switch lets you produce one, two, or four shots at once. Camera offers built-in electronic flash, aiming light, double exposure prevention, fully adjustable aperture control, and ready and pull film indicators.

Specifications:
- Electrical inputs - 110VAC or 220VAC.
- Film: All Polaroid 3 1/4 x 4 1/4 in. pack films.
- Pricing: Contact the manufacturer.
- Sourcing: Contact the manufacturer.

OER PC-2000 Passport Camera
Quality, dependability, affordability, durability, and ease-of-use set the OER PC-2000 apart from other passport, mugshot, and profile cameras. It positions two 2" x 2" US government standard passport photos on each sheet of instant film. And a special viewfinder incorporates unique sizing templates, offering far greater accuracy than aiming light or standard viewfinders.

Specifications:
- (weight and dimensions?) 110V or 220V AC Power Supply.
- Film: Polaroid Color Films (Types 669, 689, and 100) or Polaroid Black & White Films (Types 667 and 664)
- Pricing: Contact the manufacturer or Polaroid Corporation
- Sourcing: Contact the manufacturer.
Ormaf
Via Beato Pellegrino, 79, 35137 - Padova Italy
Telephone: 390-498-721-044, Fax: 390-497-766-12

SpeedMaster 508
The SpeedMaster 508 features four high-quality glass lenses (f/5.6), an interchangeable camera back, and two viewfinders (reflex and direct type). It has an optical adapter that allows you to take four different pictures on one sheet of film, each one 35 x 45 mm.

Specifications:
- Weight: 1.6 kg
- Dimensions: 200 x 140 x 120 mm
- Film: All Polaroid 3 1/4 x 4 1/4 in. pack films.

Pricing: Contact the manufacturer or Polaroid Corporation.
Sourcing: Contact the manufacturer.

Ormaf
Via Beato Pellegrino, 79, 35137 - Padova Italy
Telephone: 390-498-721-044, Fax: 390-497-766-12

StudioMaster 541
The StudioMaster 541 features five high-quality Luxlight f/5.6 lenses and produces one full-sized photo (73 x 95 mm) or four passport-sized photos (each one 37 x 47 mm). Pressing a lever selects the mode. The camera features apertures from f/8 to f/32, a fixed exposure time of 1/200 sec., a hot shoe for flash and is equipped with the Ormaf ThermoBack heated camera back (see page 29).

Specifications:
- Weight: 1.7 kg
- Dimensions: 200 x 190 x 220 mm
- Film: All Polaroid 3 1/4 x 4 1/4 in. pack films.

Pricing: Contact the manufacturer or Polaroid Corporation.
Sourcing: Contact the manufacturer.
Ormaf
Via Beato Pellegrino, 79, 35137 - Padova Italy
Telephone: 390-498-721-044, Fax: 390-497-766-12

**StudioMaster 541 Pro**
The StudioMaster 541 Pro offers all the features of the StudioMaster 541. In addition, the camera is equipped with an interchangeable camera back that makes it easy to switch back-and-forth between color and black-and-white films.

**Specifications:**
- Weight: 1.7 kg
- Dimensions: 200 x 190 x 220 mm

**Film:**
- All Polaroid 3 1/4 x 4 1/4 in. pack films.

**Pricing:**
Contact the manufacturer or Polaroid Corporation.

**Sourcing:**
Contact the manufacturer.

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Ormaf
Via Beato Pellegrino, 79, 35137 - Padova Italy
Telephone: 390-498-721-044, Fax: 390-497-766-12

**StudioMaster 542**
The StudioMaster 542 features five high-quality Luxlight f/5.6 lenses and produces one full-sized photo (70 x 73 mm) or four passport-sized photos (each one 35 x 36.5 mm). Pressing a lever selects the mode. The camera features apertures from f/8 to f/32, a fixed exposure time of 1/200 sec., a hot shoe for flash and is equipped with the Ormaf ThermoBack heated camera back (see page 34).

**Specifications:**
- Weight: 1.7 kg
- Dimensions: 200 x 190 x 220 mm

**Film:**
- Polaroid Film Types 87 and 88 (U.S.A.), Polaroid Viva Color, Viva b/w 3000 (outside the U.S.A.).

**Pricing:**
Contact the manufacturer or Polaroid Corporation.

**Sourcing:**
Contact the manufacturer.
ThermoBack
The ThermoBack is a heated camera back for Polaroid 3 1/4 x 4 1/4 in. pack films that maintains a constant temperature of 75°F/24°C, the optimum temperature for Polaroid instant film development. A high precision thermal detector maintains the correct temperature (within 5°C), ensuring excellent color rendition even in cold and humid conditions.

Specifications:
- Electrical input - 6V DC, 0.7 Amp stabilized.
- Film: All Polaroid 3 1/4 x 4 1/4 in. pack films.
- Pricing: Contact the manufacturer or Polaroid Corporation.
- Sourcing: Contact the manufacturer.
Phil Corporation Limited  
Technology House, Tivim Industrial Estate, P.O. Box 23  
Mapusa, GOA 403 507 India  
Telephone: 91-0832-299208/21/61, 299344/45/48, 299616/17/18  
Fax: 91-0832-299231

**Hot Shot**

**Type:** Instant camera with built-in electronic flash.

**Film:** Polacolour 100/Type 669 or Type 667 (B/W).

**# of Pictures per Film Sheet:** Simultaneous mode — 4 identical pictures or — 4 different pictures.

**Magnifications:** 1/10.5.

**Shutter Speed:** 1/125 second behind the lens shutter.

**Aperture:** Dual type: f/8 for colour, f/36 for black and white.

**Flash Sync:** 1/125 sec.

**Ext. Sync:** Built in.

**Viewfinder:** Albada type with parallax compensation frame

**Focussing Distance:** Fixed focus at 1.2 meter from film plane.

**Picture Taking Distance:** 1.10 meter

**Depth of Field:** 1.8 to 1.02 m

**Flash Operating Range:** With ISO 160: 1.1m  
With ISO 3000: 1.1m

**Batteries/Electricity:** Four 1.5 volt penlite batteries, (alkaline batteries improve flash performance)  
OR 1 Amp. 6 Volts AC adapter

**Dimensions:** 17.0cms X 16.5 cms X 15.5 cms (approx)

**Weight:** 1 kg, without batteries.

This camera is designed for indoor use only. Do not use it outdoors.
**Phil Corporation Limited**  
Technology House, Tivim Industrial Estate, P.O. Box 23  
Mapusa, GOA 403 507 India  
Telephone: 91-0832-299208/21/61, 299344/45/48, 299616/17/18  
Fax: 91-0832-299231

**ID Cam**

<table>
<thead>
<tr>
<th>Type</th>
<th>Instant camera with built-in electronic flash for Data / Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>Film</td>
<td>Polaroid Viva Colour</td>
</tr>
<tr>
<td>Subject</td>
<td></td>
</tr>
<tr>
<td>Picture Size:</td>
<td>24 mm X 36mm</td>
</tr>
<tr>
<td>Data</td>
<td></td>
</tr>
<tr>
<td>Picture Size:</td>
<td>45mm X36mm</td>
</tr>
<tr>
<td>Lens: (Subject)</td>
<td>f1:8, 103 mm 3 elements glass coated.</td>
</tr>
<tr>
<td>(Data)</td>
<td>f 1:8 42mm, 2 elements</td>
</tr>
<tr>
<td>Magnifications:</td>
<td>1/10.5</td>
</tr>
<tr>
<td>Shutter Speed:</td>
<td>1/125 second behind the the lens shutter.</td>
</tr>
<tr>
<td>Flash Sync:</td>
<td>1/125 sec. Data / Subject</td>
</tr>
<tr>
<td>Viewfinder:</td>
<td>Albada type with parallax compensation frame.</td>
</tr>
<tr>
<td>Ext. Sync.:</td>
<td>Built in</td>
</tr>
<tr>
<td>Focussing Distance:</td>
<td>Fixed focus at 1.2 meter from film plane.</td>
</tr>
<tr>
<td>Picture Taking Distance:</td>
<td>1.15 meter</td>
</tr>
<tr>
<td>Batteries /Electricity</td>
<td>Four 1.5 volt penlite batteries, (alkaline batteries improve flash performance)</td>
</tr>
<tr>
<td>Dimensions:</td>
<td>205mm X 167mm X 175mm</td>
</tr>
<tr>
<td>Weight:</td>
<td>1.1kg without batteries.</td>
</tr>
</tbody>
</table>

This camera is designed for indoor use only. Do not use it outdoors.
Phil Corporation Limited
Technology House, Tivim Industrial Estate, P.O. Box 23
Mapusa, GOA 403 507 India
Telephone: 91-0832-299208/21/61, 299344/45/48, 299616/17/18
Fax: 91-0832-299231

In-a-Snap
The Photophone In-a-Snap Camera has four matched lenses with built-in electronic flash. It delivers a choice of four identical or four different pictures or two different sets of two identical pictures. Picture-taking distance can be 1.2 or 1.8m (with supplementary lens). Each portrait measures 35 x 36 mm.

Applications: Smaller passport photos, ID cards, Visa applications, drivers permits or any other application where six smaller or identical images are required.

Specifications: Weight - 0.95 kg (without batteries), Dimensions - 170 x 165 x 155 mm, Electrical inputs - 6V 1 Amp A/C adapter (optional).

Film: Polaroid Film Types 87, 88 (U.S.A.), Polaroid Viva Color, Viva b/w 3000 (outside the U.S.A.).

Pricing: Contact the manufacturer or Polaroid Corporation.

Sourcing: Contact the manufacturer.

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Photophone 6 Lens Camera
This camera produces six identical photos on one piece of Polaroid film, and is designed to operate in warm temperatures (between 70-90°F). With its built-in flash, it is a lightweight, portable camera that can operate with either main current or from type AA batteries.

Applications: ID documents, permits, applications, etc.

Specifications: Electrical inputs - Main current or AA alkaline batteries.

Film: Polaroid Film Types 87, 88 (U.S.A.), Polaroid Viva Color, Viva b/w 3000 (outside the U.S.A.).

Pricing: Contact the manufacturer or Polaroid Corporation.

Sourcing: Contact the manufacturer.
Model 2405-2 Special
This camera has a “Packard-ideal” shutter with x-synchronization for electronic flash. It produces two passport-size pictures on one sheet of film.

Other features: Fixed focus with sport-type viewfinder, apertures from f/8 to f/22.

Film: Polaroid Film Type 669.

Model 3405-2 Passport Camera
This two-lens passport camera with electronic shutter makes two passport-size pictures on one sheet of Type 669 or equivalent film. It has an electronic counter which is non-resetable, and apertures from f/8 to f/22. Comes with a power supply and camera back.

Film: Polaroid Film Types 665, 669.

Contact the manufacturer.

Contact the manufacturer.
Multishot 84 Camera
Lightweight and simple to operate, the Multishot 84 camera has four fixed-focus lenses (1500 mm distance) to produce four photos - one, two or four at once.

Other features: Special “blanking disc” prevents double exposure and indicates where you are in the picture-taking sequence, picture brightness control, large format optical viewfinder, hot shoe connection for electronic flash, tripod mount. Cable release or push-button operation available.

Applications: Security and ID photography, company ID badges, passports, visas, company records, police and prison files, key-ring and novelty-type photos.

Specifications: Weight - 1.1 kg, Dimensions - 170 (W) x 173 (D) x 165 (H) mm, Electrical input - none (the camera requires no batteries or external power source).

Film: All Polaroid 3 1/4 x 4 1/4 in. pack films, Polaroid Film Types 87, 88, Viva Color, Viva b/w 3000.

Pricing: Contact the manufacturer or Polaroid Corporation.

Sourcing: Contact the manufacturer.

Multishot 102 Camera
Lightweight and simple to operate, the Multishot 102 camera has two fixed-focus lenses (1100 mm distance) to produce two different or simultaneous photos on Polaroid pack film.

Other features: Picture brightness control, large format optical viewfinder, hot shoe connection for electronic flash, tripod mount. Cable release or push-button operation available.

Specifications: Weight - 1.0 kg, Dimensions - 170 (W) x 178 (D) x 165 (H) mm, Electrical input - none (the camera requires no batteries or external power source).

Film: All Polaroid 3 1/4 x 4 1/4 in. pack films (Polacolor 100 and Polacolor 679 recommended).

Pricing: Contact the manufacturer or Polaroid Corporation.

Sourcing: Contact the manufacturer.
**Shackman Instruments, Ltd.**
Unitek House, Oxford Road, Tatling End, Gerrards Cross, 
Bucks., England SL9 7BB
Telephone: 440-1753-890-500, Fax: 44-0175-348-0803

**Multishot 104 Camera**
Lightweight and simple to operate, the Multishot 104 camera has four fixed-focus lenses (1200 mm distance) to produce four photos - one, two or four at once - on Polaroid pack film.

**Other features:** Special “blanking disc” prevents double exposure and indicates where you are in the picture-taking sequence, picture brightness control, large format optical viewfinder, hot shoe connection for electronic flash, tripod mount.

**Specifications:** Weight - 1.0 kg, Dimensions - 165 (W) x 173 (D) x 170 (H) mm, Electrical input - none (the camera requires no batteries or external power source).

**Film:** All Polaroid 3 1/4 x 4 1/4 in. pack films (Polacolor 100 and Polacolor 679 recommended).

**Pricing:** Contact the manufacturer or Polaroid Corporation.

**Sourcing:** Contact the manufacturer.

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**Rapid Plus Camera**
This lightweight and reliable camera produces four 36.5 x 47.5 mm portraits - one, two, or four pictures at a time - on Polaroid pack film. Camera status and number of pictures taken are indicated by LCD displays. Built-in electronic flash with two power settings and a boost switch to provide increased light for dark subjects without changing the lens aperture. Twin LED aim lights for focusing and aligning the camera, and an adjustable film timer that starts automatically each time a sheet of film is pulled.

**Other features:** Advanced microprocessor logic circuitry with “memory” for foolproof imaging, adjustable film speed setting, tripod mount, optional desk stand available.

**Specifications:** Weight - 1.9 kg, Dimensions - 168 (W) (+62 for handles) x 158 (D) x 232 (H) mm, Electrical inputs - 110 VAC or 220 VAC.

**Applications:** General purpose and high-volume ID photography; meets standard EC passport requirements.

**Film:** All Polaroid 3 1/4 x 4 1/4 in. pack films (Polacolor 100 and Polacolor 679 recommended).

**Pricing:** Contact the manufacturer or Polaroid Corporation.

**Sourcing:** Contact the manufacturer.
The Deluxe Camera
This ID camera offers the latest technology and features of any composite camera. Available in two-, four-, or six-picture versions using 3 1/4 x 4 1/4 in. pack film and a viva version using square format pack film.

Other features: Programmable functions, graphic display panel, 12V battery operation, flash and pack count, out-of-film sensor (optional), memory, four languages available, built-in development timers (30 - 190 sec.), auto shut-off, and agency approvals.

Film: Polaroid 3 1/4 x 4 1/4 in. pack films or square format films, depending on model ordered.

Pricing: Contact the manufacturer.

Sourcing: Contact the manufacturer.

The Econo Camera
This ID camera offers the latest technology in a low-cost system. Available in two-, four-, or six-picture versions using 3 1/4 x 4 1/4 in. pack film and a viva version using square format pack film.

Other features: LED panel, 12V battery operation, variable aperture, electronic flash boost, out-of-film sensor (optional), auto shut-off, aim light, memory, agency approvals.

Film: Polaroid 3 1/4 x 4 1/4 in. pack films or square format films, depending on model ordered.

Pricing: Contact the manufacturer.

Sourcing: Contact the manufacturer.
Westec Inc.
37 Westford Ave., Stafford Springs, CT 06076
Attention: Mr. F. McCaughey, Pres.
Telephone: (800) 647-5562, Fax: (203) 684-1448

Westec DX Series
These cameras are available in two-, four- and six-lens versions, all using Polaroid 3 1/4 x 4 1/4 in. pack film. The DX series offers a comprehensive LCD in addition to the following features.

Other features: Memory without batteries, electronic flash boost, automatic pull film detection, Lighten-Darken control with 16 positions, built-in aim light, and the following indicators: ready, wait, boost, and pull film.

Film: Polaroid 3 1/4 x 4 1/4 in. pack films.
Pricing: Contact the manufacturer.
Sourcing: Contact the manufacturer.

Westec SX Series
This economy series of ID camera are available in two-, four- and six-lens versions, all using Polaroid 3 1/4 x 4 1/4 in. pack film.

Other features: Memory without batteries, electronic flash boost, automatic pull film detection, Lighten-Darken control with 16 positions, built-in counter, built-in aim light, and the following indicators: ready, wait, boost, and pull film.

Film: Polaroid 3 1/4 x 4 1/4 in. pack films.
Pricing: Contact the manufacturer.
Sourcing: Contact the manufacturer.
SIRCHIE Fingerprint Laboratories, Inc.
100 Hunter Place, Youngsville, NC 27596
Telephone: (919) 554-2244, (800) 356-7311, Fax: (919) 554-2266

Model XZ300CA Photo Identification Camera
This versatile, easy-to-use ID camera produces two pictures on one piece of Polaroid pack film. It features a built-in flash, an electronically controlled shutter for excellent pictures every time, and has a fixed focusing distance of 0.86 m.

Other features: Front panel indicators for Standby, Ready, Low battery, Frame #1 and #2, etc.
Applications: Mug-shot photography.
Specifications: Weight - 3.2 kg, Dimensions - 250 (W) x 171 (D) x 184 (H) mm, Electrical input - Rechargeable 12VAC battery.
Film: Polaroid Film Types 665, 667, 669.
Pricing: Contact the manufacturer.
Sourcing: Contact the manufacturer.

SIRCHIE Finger Print Laboratories, Inc.
100 Hunter Place, Youngsville, NC 27596
Telephone: (919) 554-2244, (800) 356-7311, Fax: (919) 554-2266

Model XZ400CA Photo Identification Camera
This versatile, easy-to-use ID camera produces two pictures on one piece of Polaroid 4x5 pack film. It features a built-in flash, an electronically controlled shutter for excellent pictures every time, and has a fixed focusing distance of 0.86 m.

Other features: Front panel indicators for Standby, Ready, Low battery, Frame #1 and #2, etc.
Applications: Mug-shot photography in a larger format.
Specifications: Weight - 3 kg, Dimensions - 298 (W) x 171 (D) x 197 (H) mm, Electrical input - Rechargeable 12VAC battery.
Film: Polaroid Film Types 552, 553, 559.
Pricing: Contact the manufacturer.
Sourcing: Contact the manufacturer.
**EVCAM Evidential Finger Print Cameras**

These versatile, easy-to-use fixed-focus cameras produce 1:1 instant photos of fingerprints, photographs, printed pages and other such evidence at the crime scene. They can take up to 200 pictures on a charged battery, and are available in two different film formats (see below).

**Other features:** Variable flash control, state-of-the-art electronic shutter, color/B&W film switch, aperture range of f/3.5 to f/32.

**Film:**
- Polaroid 3 1/4 x 4 1/4 in. films (Model EVC1000);
- Type 552, 553, 559 4x5 pack films (EVC3000).

**Pricing:** Contact the manufacturer.

**Sourcing:** Contact the manufacturer.
OEM Digital Camera Toolkits

The Polaroid Digital Camera Toolkits capture publication-quality digital images at an affordable price. The new systems employ an advanced CCD for high-resolution (2 megapixels) and a patented filtration system for extremely faithful, true-color digital imaging. The tool kit contains everything you need to quickly integrate the tethered device into an imaging system, including the 2 megapixel CCD, its support electronics, and the software required to operate it from the attached computer. The optical module accepts industry-standard c-mount lenses and provides a microprocessor controlled shutter, and strobe synchronization.

Applications: Typical applications requiring the publication-quality electronic image created by the Digital Camera Toolkit include: machine vision, identification, microscopy, scientific, industrial, photo retail, photobooths, and school photography systems.

Resolution: 2 megapixel sensor will output a 10 Mb file in 24 bit color. The toolkit can also operate in a fast, low-resolution, monochrome mode for electronic focusing and framing on the computer monitor.

Specifications: Interface - SCSI-2 for Macintosh and IBM-compatible personal computers, Weight - 0.25 kg, Dimensions - 15 x 10 x 5 cm.

Pricing: Contact Polaroid Corporation.

Sourcing: Contact Polaroid Corporation.
**Rembrandt LC-960**

The Rembrandt LC-960 film recorder features a state-of-the-art liquid crystal shutter device in front of a monochrome 9-inch CRT (with a contrast ratio of 160:1) to produce high-quality color images. This system produces very high resolution images in one second.

**Applications:** Use with personal computers via a SCSI Interface, test equipment, CCD cameras, etc.

**Specifications:**
- Weight: 11 kg
- Dimensions: 260 x 240 x 520 mm.
- Film: Polaroid Film Types 339, 667, 669 (depending on film back).

**Pricing:** Contact the manufacturer or Polaroid Corporation.

**Sourcing:** Contact the manufacturer.

---

**Nippon Avionics Co., Ltd.**

20-1, Nishi-shinbashii, 3-Chome, Minato-ku, Tokyo 105, Japan
Telephone: 03 (5401) 7377
www.avionics.com

**FR-1100/FR-1300**

The FR-1100 and the FR-1300 are low-cost film recorders that feature an analog RGB interface for easy connection and short exposures (as short as six seconds with Type 339 film).

**Applications:** Color presentations, record keeping in comparative studies, academic presentations.

**Specifications:**
- Weight: 7 kg
- Dimensions: 240 x 144 x 425 mm
- Electrical input: 100VAC, 50/60Hz (can be modified for 110VAC or 220VAC input), Input signal (FR-1100) - 15-38 kHz horizontal, 45-90 Hz vertical (auto sync), Input signal (FR-1300) - 21-70 kHz horizontal, 45-120 Hz vertical (auto sync).

**Film:** Polaroid Film Types 331, 339, 667, instant and conventional 35mm films.

**Pricing:** Contact the manufacturer or Polaroid Corporation.

**Sourcing:** Contact the manufacturer.
Nippon Avionics Co., Ltd.
20-1, Nishi-shinbashī, 3-Chome, Minato-ku, Tokyo 105, Japan
Telephone: 03 (5401) 7377
www.avionics.com

FR-2500/FR-3000
These film recorders, positioned higher than the FR-1000 and the FR-1300, are ideal for imaging from high resolution CRTs such as high-level PC workstations.

Other features: Six different camera backs available (including Autofilm), analog RGB interface.

Specifications: Weight (FR-2000) - 12.5 kg, Weight (FR-3000) - 16.0 kg, Dimensions - 300 x 195 x 546.5 mm, Electrical inputs - 100VAC, 50/60Hz (can be modified for 110VAC or 220VAC input), Input signal (FR-2000) - 15-40 kHz horizontal, 45-90 Hz vertical (auto sync), Input signal (FR-2500) - 28-70 kHz horizontal, 45-120 kHz, vertical (autosync), Input signal (FR-3000) - 40-80 kHz horizontal, 45-120 Hz vertical (auto sync).

Film: Polaroid Film Types 331, 339, 667, instant and conventional 35mm films.

Pricing: Contact the manufacturer or Polaroid Corporation.

Sourcing: Contact the manufacturer.
### Manufacturer/Distributor Index

**Application abbreviations:**
- CU Close-up Photography
- EI Electronic Imaging
- ID Identification Photography
- MI Medical Imaging
- PP Professional Photography
- SC Scientific/Engineering Photography
- SA Special Applications
- SE Special Event Photography
- UD Ultrasonic Devices
- PO Polaroid Products

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<tr>
<td>Business Development Managers</td>
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Hertfordshire, A14 8SF
Tel.: 44-1582-63-2000
Fax: 44-1582-63-2001

Polaroid Europe, Ltd.
3 Furzeground Way
Stockley Park
Uxbridge
Middlesex UB11 1DD
Tel.: 44-020-860-62000
Fax: 44-020-860-62001
France
Polaroid (France) S.A.
La cief de Saint Pierre
12bis av Gay Lussac
78996 Elancourt Cedex
Tel.: 33-1-3068 38 38
Fax: 33-1-3068 38 39

Mailing address:
Polaroid (France) S. A. BP7
78996 Elancourt Cedex

Polaroid Eyewear
116 rue du bac
Paris France 75007

Polaroid (France) S.A., La cief de Saint Pierre
12bis avenue Gay lussac
Elancourt Cedex France 78996

Hong Kong
Polaroid Asia Pacific Int’l
Eight Plaza 10th floor
8 Sunning Road
Causeway Bay
Tel.: 852-2418-1854

Polaroid (Far East) Ltd.
32/F Windsor House
311 Gloucester Road
Causeway Bay
Tel.: 852-2894-0333
Fax: 852-2895-1382

Hungary
Polaroid Budapest
Ramoosa u. 13
H. 1118 Budapest
Tel.: 36-1-246-2033
Fax: 36-1-246-2030

Italy
Polaroid (Italia) S.p.A.
Via Plave 11
21051 Arcisate (Varese)
Tel.: 390-332-47-81
Fax: 390-332-47-8249

Mailing address:
Polaroid (Italia) S.p.A.
P.O. Box 13
6911 Brusino Arsizio, Ticino
Switzerland

India/New Delhi
Tel.: 91-124-634-6811
Fax: 91-124-634-7315

Japan
Nippon Polaroid Kabushiki Kaisha
Mori Building, No. 30
Toranomon 3-2-2
Minato-ku
Tokyo (105)
Tel.: 813-3-438-8811
Fax: 813-3-433-3537

Malaysia
Polaroid Asean
No. 8 Jalan 51A/227
46100 Petaling Jaya
Selangor Darul Eshan
Tel.: 603-787-78577
Fax: 603-787-78600

México
Polaroid de México S.A. de C.V.
Paseo de la Reforma
195-17 P.H. Col Cuauhtemoc
06500 México, D.F.
Tel.: 525-703-1111
Fax: 525-566-1359

The Netherlands
Enschede
International Dist. Center
Polaroid (Europa) BV
Hoge Bothofstraat 45
7511 ZA Enschede
Tel.: 31-53-480 4910
Fax: 31-53-480-4930

Norway
Polaroid (Norge) A/S
Industriveien 8B
N-1473 Skaarer
Postboks 80
1471 Skårer
Tel.: 47-63-98-2840
Fax: 47-63-98-2841

www.polaroid-oem.com
Polaroid Offices, Worldwide

**Phillippines**
Polaroid Philippines
Pacific Star Building, 24th Floor
Makati Ave. Cor. Sen. G. Puyat,
Makati 1200
Metro Manila Philippines

**Polaroid Caribbean Corporation**
Export Division, Latin America
Doral Corporation Plaza
3750N W 87th Ave.
Suite 280
Miami, FL 33178
Tel.: 305-592-4212
Fax: 305-592-5667

**Poland**
Polaroid Poland
Palace Kultury i Nauki
Pl. Defilad 1
00-901 Warsaw
Tel.: 48-22-826-4149
Fax: 48-22-826-6236

**Puerto Rico**
Polaroid Caribbean Corporation
Centro de Seguros
Ave. Ponce de León 701,
Miramar, Santurce 00907
Tel.: 787-756-0722
Fax: 787-756-0754

**Russia**
Svetozor Ltd./TOO CBET030P
A Polaroid Company
Leninski Prospekt 70/11
Moscow 117261
Tel.: 7-501-725-2700
Fax: 7-501-725-2733 or 2722

**Slovakia**
Polaroid Export Operations
Bratislava Office
Budova Incheby, Viedenska
Cesta 5
Bratislava Slovakia 852 51

**Spain**
Polaroid (España), S.A.
Orense, 16-2º planta
28020-Madrid
Tel.: 34-91-597-0252
Fax: 34-91-597-2782

**Sweden**
Polaroid AB (Nordic)
Ekholmsvägen 34
Box 204
127 24 Skärholmen
Tel.: 46-8-680-2250
Fax: 46-8-680-7368

**Switzerland**
Polaroid AG
Hardturstrasse 133
CH-8037 Zürich
Tel.: 41-1-277-7272
Fax: 41-1-271-3884

**Scotland**
Polaroid (U.K.) Ltd.
Vale of Leven Industrial Estates
Dumbarton G82-3PW
Tel.: 44-141-333-4000
Fax: 44-141-333-4040

**Singapore**
Polaroid Singapore Pte Ltd.
(ASEAN Office)
435 Orchard Road
#21-01/03 Wisma Atria
Singapore 238877

www.polaroid-oem.com
Taiwan
Polaroid F.E. Ltd - Taiwan Branch
3/F, 82, Kuang Fu N. Rd.
Taipei, Taiwan, R.O.C.
Tel.: 886-227-028-123

Polaroid F.E. Ltd. Taiwan Branc,
3 F No 362, Tun Hwa
South Road Section 1
Paipei, Taiwan, R.O.C. Taiwan

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Polaroid Far East Limited
3rd Floor, Berli Jucker House,
99 Soi Rubia, Sukhumvit 49 Road
Bangkok Thailand 10110

Turkey
Polaroid/Darfilm As.
Yenicerisi Cad. No. 40
Galatasaray-Istanbul
Turkey

United Kingdom
Polaroid International Business
Centre, Fisher House
80 Bath Street
Glasgow, Scotland
United Kingdom G22EN

Polaroid Europe Ltd.
3 Furzeground Way, Stockley Park,
Uxbridge
Middlesex, England
United Kingdom

Polaroid (UK) Ltd.
Vale of Leven Industrial Estates
Dumbarton United Kingdom
G82 3PW

Polaroid (U.K.) Ltd.
Wheatampstead House,
Codicote Road
Hertfordshire United Kingdom
A14 8SD
OEM Products
FAX Sheet

Polaroid Market Fax-Back System
Polaroid offers an automated Market Fax-Back System that is the most efficient way to quickly and easily obtain accurate product information, 24 hours a day.

To use the Market Fax-Back System:
1. Call 800-392-1170 (international users should dial 011-1-781-386-9314 and the internal number is 781-386-9314).
2. A recorded voice will prompt you to enter a four-digit number to receive information on a particular product category, such as Professional Photography or Piezo Transducers (use ext. 500 for a directory of product category numbers).
3. You can request up to four different choices per call. Then provide your telephone and fax numbers (international users should include their country code prefix), and the information will be automatically faxed shortly thereafter.

For answers to specific questions, please fax this form to (781) 386-6246 (international users should fax to 011-1-781-386-6246).

Name: ________________________________ Company: ________________________________
Address 1: ____________________________ Address 2: ____________________________
City: _________________________________ State: ______ Zip: ______ Country: ________________
Phone: ______________________________ Fax: ______________________________

I would like additional information on:
- [ ] Close-Up Photography
- [ ] Professional Photography
- [ ] Special Event Photography
- [ ] Electronic Imaging
- [ ] Scientific/Engineering Photography
- [ ] Ultrasonic Devices
- [ ] Identification Photography
- [ ] Special Applications
- [ ] Polaroid Products
- [ ] Medical Imaging

To speak with:
- an OEM representative on photographic equipment, please call: (781) 386-6182.
- an OEM representative on ultrasonic equipment, please call: (781) 386-3965.
- a Polaroid Express representative on other Polaroid products, please call: (800) 552-0711.
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<td>8x10 Manual Processor</td>
<td>PP: Proofing backs</td>
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<tr>
<td>890 Supreme Drive</td>
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<tr>
<td>Bensenville, IL 60106</td>
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<tr>
<td>Telephone: (800) Calumet</td>
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<tr>
<td>800-225-8638</td>
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<td>Fax: (800) 225-8638</td>
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<tr>
<td><a href="http://www.calumetphoto.com">www.calumetphoto.com</a></td>
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<td><strong>Calumet Photographic (D)</strong></td>
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<td>890 Supreme Drive</td>
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<td>Cambo Fotografische Industrie BV</td>
<td>Cambo PP 20</td>
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<td>Haatlanderdijk 45</td>
<td>Cambo PP 40</td>
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<td>Cambo PP 45</td>
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<tr>
<td>Telephone: 31-38-331-4644</td>
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<td>Fax: 31-38-331-5110</td>
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<td><strong>Canfield Scientific, Inc.</strong></td>
<td>Reflex UV Camera System</td>
<td>SA: Special purpose cameras</td>
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<tr>
<td>Telephone: (973) 276-0336</td>
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<tr>
<td>(800) 815-4330</td>
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<td>Fax: (973) 276-0333</td>
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<td>E-mail: <a href="mailto:info@CanfieldSci.com">info@CanfieldSci.com</a></td>
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<tr>
<td><strong>Canon Inc.</strong></td>
<td>CR6-45NM Non-mydriasis</td>
<td>MI: Ophthalmology</td>
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<td>53 Imaikami-machi</td>
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<td>Nakahara-ku, Kawasaki, Japan</td>
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<td>Telephone: 044 (733) 6111</td>
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<td>Fax: 044 (3711) 2389</td>
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<tr>
<td><strong>Canon U.S.A. Inc. Headquarters (D)</strong></td>
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<tr>
<td>One Canon Plaza</td>
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<td>Lake Success, NY 11042</td>
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<td>Telephone: (516) 488-6700</td>
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<tr>
<td><strong>Continent-Wide Enterprises, Ltd. (D)</strong></td>
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<tr>
<td>41 Bertal Rd</td>
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<td>Toronto, Ontario</td>
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<td>Canada M6M 4M7</td>
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<tr>
<td>Telephone: (416) 762-8101</td>
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<td>Fax: (416) 762-4278</td>
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<td><a href="http://www.continent-wide.com">www.continent-wide.com</a></td>
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<tr>
<td><strong>Daktronics, Inc.</strong></td>
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<tr>
<td>331 32nd Avenue</td>
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<tr>
<td>Brookings, SD 57006</td>
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<td>Telephone: (800) 843-5843</td>
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<tr>
<td>Fax: (605) 697-4700</td>
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<td>Manufacturer/Distributor</td>
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<td><strong>Daylab</strong></td>
<td>Daylab 120</td>
<td>SA: Slide printers and print copiers</td>
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<td>400 E. Main Street, Suite F</td>
<td>Daylab 35</td>
<td>SA: Slide printers and print copiers</td>
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<td>Ontario, CA 91761</td>
<td>Daylab 35 Plus</td>
<td>SA: Slide printers and print copiers</td>
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<tr>
<td>Telephone: (909) 988-3233</td>
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<td>Toll free: (800) 235-3233</td>
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<td>Fax: (909) 988-0715</td>
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<td><a href="http://www.daylab.com">www.daylab.com</a></td>
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<td><strong>Ekasilp Industry Ltd., Part</strong></td>
<td>ID-2V</td>
<td>ID: Composite ID/Document cameras</td>
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<td>20/25 M5, Soi Petchkasem 48</td>
<td>ID-4RF</td>
<td>ID: Composite ID/Document cameras</td>
<td>14</td>
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<td>Petchkasem Street</td>
<td>ID-6R</td>
<td>ID: Composite ID/Document cameras</td>
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<tr>
<td>Bangkok 10160, Thailand</td>
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<tr>
<td>Telephone: (662) 457-1023</td>
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<td>Telephone: (662) 457-1014</td>
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<td>Fax: (662) 457-3954</td>
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<tr>
<td><strong>Four Designs Co.</strong></td>
<td>Modifications/Accessories</td>
<td>PP: Proofing backs</td>
<td>52</td>
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<tr>
<td>20615 North East 22nd Ave</td>
<td>Professional Camera Classic</td>
<td>PP: Proofing backs</td>
<td>52</td>
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<tr>
<td>Ridgefield, WA 98642</td>
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<tr>
<td>Telephone: (360) 887-1555</td>
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<tr>
<td>Toll free: (800) 469-3399</td>
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<td>Fax: (360) 887-1549</td>
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<tr>
<td><a href="http://www.fourdesigns.com">www.fourdesigns.com</a></td>
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<tr>
<td><strong>Fukuda Denshi Co., Ltd.</strong></td>
<td>Non-Myd Retinal Camera</td>
<td>MI: Ophthalmology</td>
<td>44</td>
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<tr>
<td>11-4, Yushima 2-Chome, Bunkyo-Ku, Tokyo</td>
<td></td>
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</tr>
<tr>
<td>Telephone: 03-5800-5646</td>
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<tr>
<td>Fax: 03-5800-5655</td>
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<tr>
<td><strong>Funakoshi Co. Ltd.</strong></td>
<td>FUNA-Microplate Camera</td>
<td>MI: Testing</td>
<td>50</td>
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<tr>
<td>9-7 Hongo 2 Chrome</td>
<td>Funaroid</td>
<td>MI: Chromatography</td>
<td>39</td>
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<tr>
<td>Bunkyo-ku, Tokyo, Japan</td>
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<tr>
<td>Telephone: 03 (5684) 1619</td>
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<td>Fax: 03 (5684) 5643</td>
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<td><a href="http://www">www</a>. funkoshi.co.jp</td>
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<tr>
<td><strong>H&amp;H Camera Products</strong></td>
<td>H&amp;H 6-UP, 8-UP, 12-UP</td>
<td>ID: Composite ID/Document cameras</td>
<td>15</td>
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<tr>
<td>10613 Sherwood Drive S.W.</td>
<td></td>
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<tr>
<td>Lakewood, WA 98498</td>
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<tr>
<td>Telephone: (253) 582-5767</td>
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<tr>
<td><strong>Hang Zhou Institute</strong></td>
<td>West Lake Model 6688</td>
<td>ID: Composite ID/Document cameras</td>
<td>16</td>
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<tr>
<td>Hang Zhou, P.R.C.</td>
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<tr>
<td>94 Xixi Road, Hang Zhou</td>
<td></td>
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<tr>
<td>Zhejiang Province, China</td>
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<tr>
<td>Telephone: 0571-521972</td>
<td></td>
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<tr>
<td><strong>Helmut Hund GmbH</strong></td>
<td>MCS Plus</td>
<td>SC: Microscopy (optical)</td>
<td>70</td>
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<tr>
<td>35580 Wetzlar Welhelm Well Strasse</td>
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<td>Germany</td>
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<tr>
<td>Telephone: 49.6441 200 40</td>
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<td>Fax: 49.6441 200 444</td>
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<td><a href="http://www.hund.de">http://www.hund.de</a></td>
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<td>Manufacturer/Distributor</td>
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<tr>
<td>Hitachi Nissei Sangyo Co., Ltd.</td>
<td>Clean Room Film Adapter</td>
<td>SC: Scanning Electron Microscopy</td>
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<td>H. P. Marketing (D)</td>
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<td>Hund Corporation (D)</td>
<td>Distributor for Helmut Hund products</td>
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<td>Identification Products Mfg., Co.</td>
<td>MG-1, MG-1 HH</td>
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<td>PK-8 Passport Camera</td>
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<td>ULT-4 Instant ID Camera</td>
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<tr>
<td>Instant Exposure Inc.</td>
<td>All Weather Photobooth</td>
<td>SE: Photobooths</td>
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<td>Jeol Ltd.</td>
<td>MP-35070/SM-CSICB33</td>
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<td>Fax: (404) 559-9956</td>
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<td>Email: <a href="mailto:RichMeeks@aol.com">RichMeeks@aol.com</a></td>
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<td><strong>MTI Europe, Ltd. (D)</strong></td>
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<td>Endeavour House, 78 Stafford Road Wallington, Surrey SM6 9AY, UK</td>
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<td>Telephone: 44-181-395-7177</td>
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<td><strong>Polaroid Corporation</strong></td>
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<td>400 Boston Post Road-2</td>
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<td>Wayland, MA 01778-0438</td>
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<td>Telephone: (781) 386-6196</td>
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<td>Telephone: (781) 386-6182</td>
<td>Model CB-103 Camera Back</td>
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<td>Toll free: (800) 225-1618</td>
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<td>117 Vine Street, P.O. Box 169</td>
<td>Model 3405-2 Passport Camera</td>
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<td>Hammonton, NJ 08037</td>
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<td>3300 Braunschweig, Germany</td>
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<td>2-2-1, Yaesu Chuo-ku, Tokyo, Japan</td>
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<td>Telephone: 03 (3273) 0711</td>
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<td><strong>Seiko Instruments, Inc. USA</strong></td>
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<td>2990 W. Lomita Blvd.</td>
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<td>Attention: Dave Thomason</td>
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<td><strong>SIRCHIE Fingerprint Laboratories, Inc.</strong></td>
<td>Model XZ300CA Photo ID Camera</td>
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<td>100 Hunter Place</td>
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<td>Telephone: (919) 554-2244</td>
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<td>Unitek House, Oxford Road</td>
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<td><a href="mailto:hos@tomys.co.jp">hos@tomys.co.jp</a></td>
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<td>Westec Inc.</td>
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<td>Telephone: (508) 748-0975</td>
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<td>Fax: (508) 748-2933</td>
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<td>E-mail: <a href="mailto:sales@wisner.com">mailto:sales@wisner.com</a></td>
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<td><a href="http://www.wisner.com">www.wisner.com</a></td>
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