Olympus is about life. About photographic innovations that capture precious moments of life. About advanced medical technology that saves lives. About information- and industry-related products that make possible a better living. About adding to the richness and quality of life for everyone. Olympus. Quality products with a FOCUS ON LIFE.
The PM-10AK3 makes high-quality photography affordable and easy with a range of high-performance features and one-touch button control. A highly precise automatic exposure photomicrography camera, the PM-10AK3 displays estimated exposure time in 4-step increments, offers single-dial operation for the factor settings of different camera formats and employs a separate compact control unit for vibration-free operation. Compact and lightweight, the PM-10AK3 delivers superb photomicrographs for multi-format documentation with ease.

A wide selection of cameras
Various attachments are provided to accept a 35mm camera with auto film advance, large-format camera, as well as 3-1/4” x 4-1/4” Polaroid camera.

Data imprinting capability
Two separate data imprinters are available: one for a 35mm camera and the other for Polaroid cameras. Up to eight alphanumeric characters and symbols including date, time, temperature, operator name and photographic data can be imprinted on the film plane. *Control unit (PM-CBD1) and AC adapter (U-ACAD-2) are required.
Photomicrography

Single-dial operation
Single-dial operation permits factor settings for different camera formats (35mm or large-format) and adjustment of film speed (ISO 50-50,000 for large-format). Also permits exposure adjustment by changing effective film speed, from 0.5 X to 4 X of the nominal value, in 1/3 increments.

Exposure time in 4-step increments
Estimated exposure time is indicated in 4-step increments: under 1/10 sec., 1/10-1 sec., 1-10 sec., and over 10 seconds. This is essential to anticipate the film’s reciprocity failure effect. Over- or under-exposure warning is provided by flashing-red LEDs. LED display for end of film and shutter operation mode.

A separate, compact control unit.
Simple, one-touch button control activates the camera shutter automatically for vibration-free operation. Manual exposure is also controlled from this unit.

PM-10AK3 SYSTEM DIAGRAM

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*Requires when used PM-CBDI and PM-C35
PM-10AK3 Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Measurement</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Automatic exposure control unit</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Exposure mode</td>
<td>Auto mode, Time mode</td>
<td></td>
</tr>
<tr>
<td>Auto exposure adjustment range</td>
<td>1/125 sec ~ 4 min. (Auto mode, ISO100)</td>
<td></td>
</tr>
<tr>
<td>Measuring area</td>
<td>30% center average measurement</td>
<td></td>
</tr>
</tbody>
</table>

Acceptable cameras

- 35mm cameras (PM-C35: requires AC adapter U-ACAD and PM-C35B: requires two CR 123 batteries), 3-1/4” × 4-1/4” Polaroid camera, 4” × 5” sheet film

Control unit

- Data input via dial, manual ISO setting, estimated exposure time is indicated in 4-step LED

Data imprint

- Possible by mounting the Data Imprint Unit (PM-D35). However, as the PM-C35B back cover (battery compartment) is detached, the AC adapter (U-ACAD) is required. Up to eight alphanumeric characters and symbols can be imprinted on the film plane.

Light distribution

- To the focusing telescope, exposure regulator (photocell) and camera back (film plane) = 20:16:64%

PM-10M3/Manual photomicrographic system

The compact, easy-to-use PM-10M3 employs a shutter with unique rubber cushion to prevent vibration transmission. Exposure and color temperature measurement are easy and accurate with the EMM-7 photographic exposure meter attached.

PM-10M3 Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Exposure mode</td>
<td>Manual</td>
<td></td>
</tr>
<tr>
<td>Shutter speed</td>
<td>1/250, 1/125, 1/60, 1/30, 1/15, 1/8, 1/4, 1/2, 1 sec. B</td>
<td></td>
</tr>
<tr>
<td>Acceptable cameras</td>
<td>35mm camera, 4” × 5” sheet film, 3-1/4” × 4-1/4” Polaroid camera, 4” × 5” sheet film</td>
<td></td>
</tr>
</tbody>
</table>

SC-35/35mm SLR camera

The SC-35 is an SLR camera dedicated for microscopic applications, allowing a cost-effective 35mm photomicrography system to be configured. This camera can be mounted on a zoom stereo microscope or student microscope using an adapter. The SC-35 features auto loading, auto winding, automatic exposure and exposure correction.

SC-35 Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Measurement system</td>
<td>TTL direct measurement system</td>
<td></td>
</tr>
<tr>
<td>Exposure mode</td>
<td>Aperture-priority exposure, manual</td>
<td></td>
</tr>
<tr>
<td>Shutter speed</td>
<td>1/2000-2 sec.</td>
<td></td>
</tr>
</tbody>
</table>

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Specifications are subject to change without any obligation on the part of the manufacturer.

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