OLYMPUS®

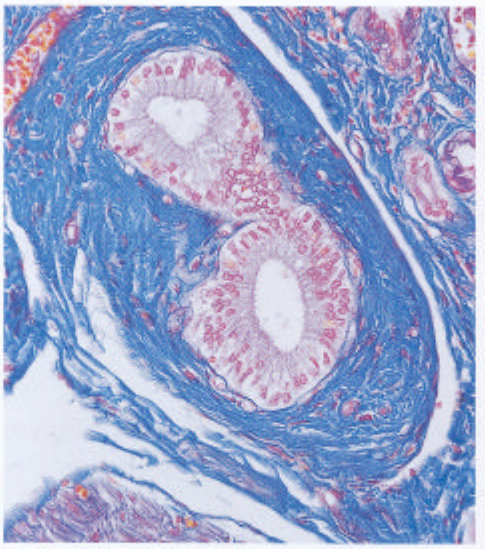
Olympus is about life. About photographic innovations that capture precious moments of life. About advanced medical technology that saves lives. About information- and industry-related products that make possible a better living. About adding to the richness and quality of life for everyone. Olympus. Quality products with a **FOCUS ON LIFE**

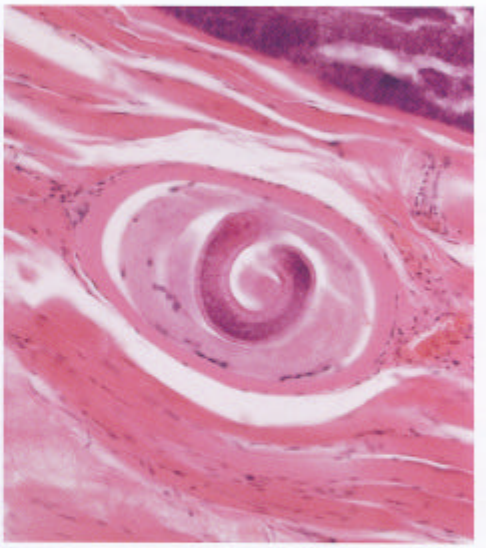
AUTOMATIC
PHOTOGRAPHY SYSTEM

PM-10AK3

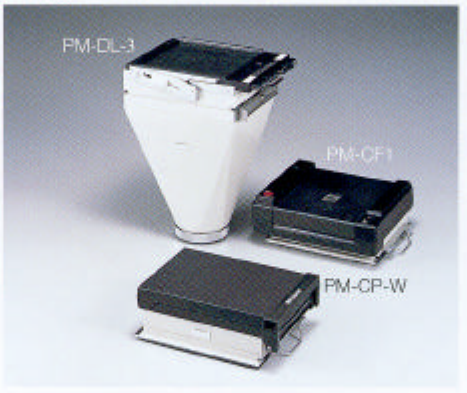
A Simple, Economical Approach to Automatic

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.

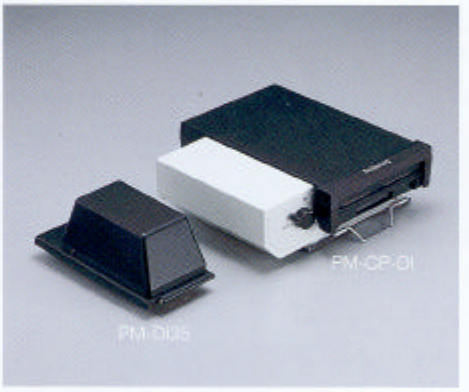




PM-10AK3



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" × 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-CBDI) and AC adapter (U-ACAD-2) are required.

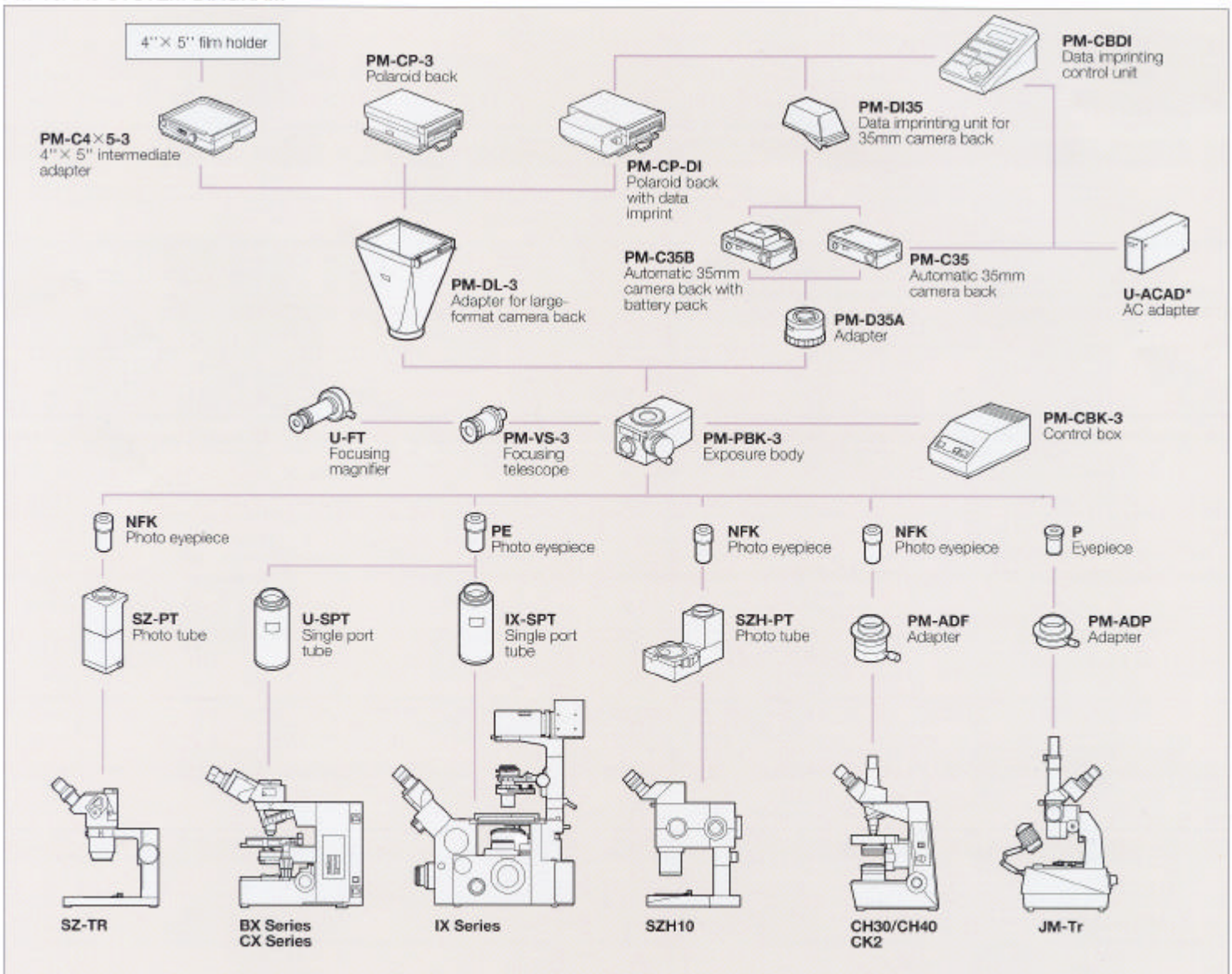
Photomicrography

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× to 4× 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



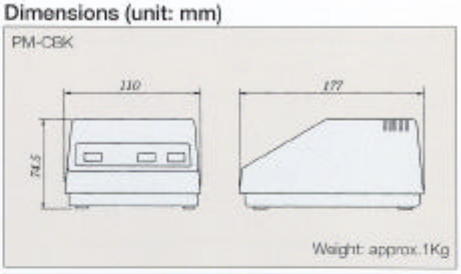
*Requires when used PM-CBDI and PM-C35

PM-10AK3 Specifications

Automatic exposure control unit	Measuring system	Real time (TTL)
	Exposure mode	Auto mode, Time mode
	Auto exposure adjustment range	1/125 sec.-4 min. (Auto mode, ISO100)
	Measuring area	30% center average measurement
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-DI35). However, as the PM-C35B back cover (battery compartment) is detached, the AC adaper (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%

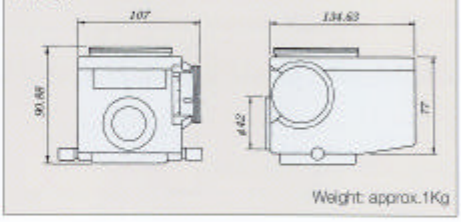
Dimensions (unit: mm)

PM-CBK



Weight: approx.1Kg

PM-PBK



Weight: approx.1Kg

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. *Sales restricted in some areas

PM-10M3 Specifications

Exposure mode	Manual
Shutter speed	1/250, 1/125, 1/60, 1/30, 1/15, 1/8, 1/4, 1/2, 1 sec. B
Acceptable cameras	35mm camera, 4" × 5" sheet film, 3-1/4" × 4-1/4" Polaroid camera (Recordata back can be mounted on 35 mm camera back)

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, auto rewinding, automatic exposure and exposure correction.

*Exclusive OM mount adapter required.

SC-35 Specifications

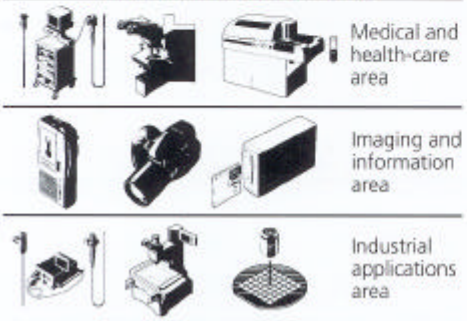
Measurement system	TTL direct measurement system
Exposure mode	Aperture-priority exposure, manual
Shutter speed	1/2000-2 sec.

® "Polaroid" is a trademark registered by the Polaroid Corporation, Cambridge, Mass, U.S.A.

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

ISO9001 Certification

Olympus business areas



Medical and health-care area

Imaging and information area

Industrial applications area

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Printed in Japan M163E-0397B