

HYDAC INTERNATIONAL



Measuring Microscope

MM-S5-M

MM-S5-M-U

Description

These measuring microscopes are mainly used for the measurement of particles from oil samples on filter membranes.

The microscopes are supplied in a stable and sturdy version.

The optical apparatus achieves a maximum amount of light intensity and an even image sharpness in accordance with the requirements for oil analysis.

The lens tube adjustment by means of the coarse and fine drive, in addition to the cross table (equipped as standard), enables an easy adjustment of image sharpness and object position.

The mounted LED illumination with mains power supply ensures sufficient illumination, even with greater enlargements.

The microscope cabinet protects the microscope against impacts and dust.

The microscope MM-S5-M-U can be used with or without the CCD camera.

With the aid of the software provided, image processing is possible on either the computer or the laptop. The camera images can be embedded in many Windows® applications as files.

Applications

- Laboratory

Advantages

- Simple analysis of membranes (also on site)

Technical details

	MM-S5-M	MM-S5-M-U
DIN Huygens eyepiece	10 x M	
Achromatic lenses	4x, 10x, 20x	
Magnifications	40x, 100x, and 200x	
Supply voltage	230 V 50 Hz 1 phase	
Tube length	160 mm	
Total height	330 mm	
Image digitalization	-	CCD camera, 4,7 MPix
Video system	-	PAL colour system
Resolution	-	2048 x 1536 Pixel
PC interface	-	USB 2.0
System requirements	-	Windows 98 / ME / 2000 / XP, Vista / 7 / 8, USB port, CD-ROM drive, 32 MB RAM

Model code

MM S5 M U

Basic model

MM = Measuring microscope

Lens system

S5 = Standard eyepiece

Supply voltage

M = 230 V 50 Hz 1 phase

P = 110 V 60 Hz 1 phase

Image digitization

No details = Standard illumination

U = CCD camera with USB port to laptop or PC

Scope of delivery

- 1 Measuring microscope
- 1 Transport case
- 1 USB camera (only with MM-SS-M-U)
incl. CD with driver software

NOTE

The information in this general brochure relates to the operating conditions and applications described.
For applications and operating conditions not described, please contact the relevant technical department.
All technical details are subject to change.

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