



Description

This measuring microscope is mainly used for the measurement of particles from oil samples on filter membranes. The microscope is stable and robust in design and is convenient to use. The lens tube can be adjusted with the gentle coarse focus adjustment movement and the fine focus adjustment. This guarantees optimum focussing at maximum magnification. The built-in lighting with mains power supply ensures sufficient illumination, even at magnifications of 200x. The arm is equipped with a 3-part knurled object lens revolver and an attachable XY stage.

The optical equipment consists of the achromatic lenses: 4:1, 10:1, 20:1. The objective lenses are used in conjunction with a micrometre eyepiece with a 10x magnification. Thanks to the micrometre eyepiece and the attached measurement card, the object size can be determined directly for all three lenses. The microscope cabinet protects the microscope against impacts and dust.

Applications

- Laboratories

Advantages

- Simple inspection of membranes (including on-site)

Measuring Microscope MM-KKE-M-C-U

Technical details

Huygens eyepiece	10 x M
Achromatic lenses	4x, 10x, 20x
Magnifications	40x, 100x, and 200x
Tube length	160 mm
Total height	330 mm
Paint colour	Light grey
PC interface	USB 2.0
System requirements	Windows 98 / ME / 2000 / XP / Vista / 7 / 8 / 10 / USB port, CD-ROM drive, 32 MB RAM

Model code

MM KKE M C U

Basic model

MM = Measuring Microscope

Lens system

KKE = Triocular

Supply voltage

0 = 240 V 50 Hz 1 phase (Australia)
M = 230 V 50 Hz 1 phase (Europe)
P = 110 V 60 Hz 1 phase (Japan)

Accessories

C = Cold light illumination

Image digitization

U = CCD camera with USB port

Scope of delivery

- 1 measuring microscope
- 1 USB camera
incl. CD with driver software
- 1 transport case

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.
Subject to technical modifications.

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