

## HYDAC INTERNATIONAL



### Description

This measurement microscope is used mainly 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 adjustment is accomplished by means of a gentle coarse drive movement and a fine drive, in order that optimum sharpness can be guaranteed at maximum enlargement. The mounted LED illumination with mains power supply ensures sufficient illumination, even with 200x enlargements. The tripod is equipped with a 3-part Knurled object lens revolver and attachable cross table.

The optical equipment consists of the achromatic lenses: 4:1, 10:1, 20:1. The lenses are used in conjunction with a micrometre eyepiece with 10x enlargement. Thanks to the micrometre eyepiece and the attached measurement cards, you have the opportunity of determining the object size directly and for all three lenses. The microscope cabinet protects the microscope against impacts and dust.

### Applications

- Laboratories

### Advantages

- Simple inspection of diaphragms (including onsite)

## 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, 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