



Millipore Test Kit Microscope (Manual)



Particle analyzer For Millipore test (Manual)

EYEPIECES

The standard KLABS Zoom is supplied with a pair of HWF 10x/22 mm eyepieces. The Zoom EVO is supplied with a pair of HWF 10x/23 mm eyepieces

HEAD

Binocular or trinocular heads with 45° inclined tubes. Both eyepieces with ± 5 diopter adjustments. Interpupillary distance adjustable between 54 mm and 75 mm. Trinocular head is supplied with a fixed light path beamsplitter (50:50)

OBJECTIVES

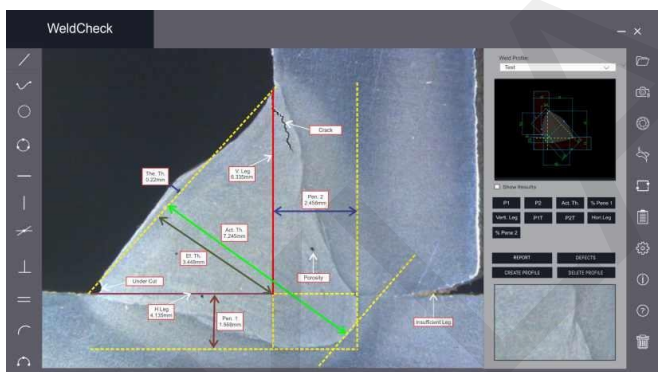
- The standard Zoom is supplied with a 1:6.7 zoom objective with 0.67x to 4.5x magnifications, a field of view from 33 mm to 4.9 mm. Working distance 110 mm.
 - The Zoom EVO is supplied with a 1:8.4 zoom objective with 0.65x to 5.5x magnifications, a field of view from 35.4 mm to 4.2 mm. Working distance 110 mm.
- Auxiliary lenses 0.3x, 0.5x, 0.75x, 1.5x and 2.0x are also available for the standard Zoom and for the

STAND

- Ergonomically designed pillar or rack & pinion stand with 3W incident and 3W transmitted LED illuminations
- Ergonomically designed pillar stand with two 3W goose-neck type incident
- LED illuminations on each side and a 3W transmitted LED illumination
- Ergonomically designed universal or boom stands, without illumination (-U, -B and BC stands)
- Articulated arm stand for table mounting or with heavy desktop stand, both without head holder, without illumination (-A and -AP stands)
- All pillar and rack & pinion stands are supplied with two object clamps. Alloy metal cast, hardened coating



Testing for particulate matter (Dirt and Wear Particles)



Similarly, presence of "particulate matter" can be judged by using a filter patch of 3 micron pore size. (Minimum measure of particle size as specified in an ISO 4406 code is 4 microns and in NAS code is 5mic).

Note these are only visual indicative tests and cannot replace laboratory tests for particle count. You can obtain ISO 4406 particle count code or NAS code from a reputed Laboratory to determine the cleanliness level of the oil.

Different systems require different levels of cleanliness levels. Check with your equipment manuals which particle count or ISO code is applicable to your equipment.

Darker the color of the patch, higher is the concentration of particles in the oil. Our Patch test kit is Vacuum type. The kit requires compressed air to generate vacuum (5/6bar standard shop air pressure available in any workshop) to prepare a patch quickly and conveniently without much hassle. It does not require a separate compressor and therefor is cheaper and does not require maintenance.

Using Accessories :

Sr. No.	Description
1	Microscope Main unit
2	Eye piece
3	AUX Lense 0.5 x0.2 x
4	Focus Mount
5	Ergonomic rack & pinion stand with 3 W transmitted and incident LED illuminators
6	Supplied with power cord, dust cover, a spare fuse and user manual. Allpacked in a polystyrene box