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Microscope BMS D3-223EP

A new approach for higher demands in microscopy. In a nutshell: flexible, efficient, stable and comfort in use.
To be used in a variety of educational, laboratory and professional environments.
The BMS D3 will meet all the demands that are made in the field of these sectors.
Besides the ergonomic design, the sturdy components, the high quality LED, developed according to the latest technology, the price of these microscopes is most certainly appealing.

The BMS D3 microscope has high-resolution objectives and two wide-field (WF) eyepieces with plan optics.
The optics allow the user to view colourful, high contrast, clear images.
The stability of the microscope is guaranteed by the solid design of the stand and its base.
The stand also has a wide window on the rear.

The BMS D3 microscope is equipped with a large rackless stage and an integrated movable specimen holder.
It's large working surface, 144 x 200 mm, easily allows two slides at once.
The integrated X-Y specimen holder is easy to use thanks to the ergonomically placed coaxial controls.

The Abbe condenser is easy to exchange with various accessories such as darkfield or phase contrast condensors.
The condenser can be adjusted in height using the rack and pinion system.
All optical surfaces (eyepiece and objectives) are coated with an anti-fungus layer.

The new generation of LED illumination gives comfort and rest to the eye.
The spectrum of the LED is equal to that of natural daylight and is adjustable in intensity. The LED light source is comparable to a 30 W halogen light source.

Caractéristiques techniques:
Eyepieces: WFP 10x/22 mm with foldable eyecups
Tube: 45° inclined, 160 mm tube length, with a grub screw to lock in the eyepiece
Head: Siedentopf type trinocular, 360° rotatable, with lock bolt and milled edged screw. Extra tube 90° for photo and/or video use.
Nosepiece: quintuple, ball bearing type with rubber grip
Objectives: DIN ePlan High Resolution Infinity, 4x (N.A. 0.10), 10x (N.A. 0.25), 40x (N.A. 0.65), 100x (N.A. 1.25) oil immersion. The 40x and 100x objectives are spring loaded (for slide protection).
Focusing: coaxial coarse and fine adjustment on both sides. Fine adjustment is supplied with a scale division. Each division equals 0.0015 mm (0.30 mm/rotation).
Stage: Rackless, 144 x 200 mm, suitable for two slides at one time. Equipped with integrated movable specimen holder with ergonomically placed coaxial controls for accurate X-Y movement. Range 77 x 32 mm.
Condenser: Abbe condenser (N.A. 1.25) in holder, with centering screws. Adjustable height via rack and pinion. With iris diaphragm (0 - 100% adjustable).
Illumination: new generation LED (3 Watt) with Köhler iris diaphragm. Light intensity is continuously variable by means of a potentiometer. Intensity comparable with 30 W halogen.
Life span LED: approx. 50,000 hours
Magnification: 40x, 100x, 400x and 1000x. Optional to be extended to 2000x.
Voltage: 90 ~ 240 V/50 Hz. The electric circuit is protected by a fuse system (or by optional batteries).
Detachable power cord

Catégories / Arborescence

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