COMECTA Microscope Monocular “M-100 FL LED”



APPLICATIONS
Directed at the requirements of higher education, universities and suitable for: veterinary, dentistry, biology, industry, etc.

FEATURES
Monocular head inclined angle 45° and rotatable through 360°.
Eyepiece, with wide field of view WF 10x (18 Ø) fixed in position using secure screw.
Objectives, parfocal DIN 45 mm **achromatic brightfield** of **4x** (A.N. 0.10), 10x (A.N. 0.25)and 40x retractable (A.N. 0.65).
Total magnification: 40x, 100x and 400x.
Revolving triple objectives turret, rotation in either direction with a fixed axis stop locator.
Focus, vertical slip clutch, bilateral **micrometer** adjustment of 0.002 mm, separate **macrometer** with adjustable tension. Safety fixing screw for tension adjustment and end of focus limit stop.
Stage with spring clip slide holder of 110 x 126 mm.
Condenser, fixed lens and aperture (A.N. 0.65), with diaphragm disk of 5 apertures.
Illumination, transmitted light (diascopic), LED 0.5 W, with collimator lens and blue filter for chromatic corrections.
Robust construction, with power switch and illuminator built into the base.
Dimensions: 360 height x 130 width x 175 mm depth.
Weight 2.8 kg.
Supplied complete with key to adjust the tension of the slip clutch and cover.
Microscope monocular M-100 FL LED (400x).
Part No. 5313119

ACCESSORIES
Eyepiece Widefield WF-15x with cross hairs (Pointer).
Part No. 5313076
Eyepiece Widefield WF-20x with reticule.
Part No. 5313077
Condenser ABBE 1.25 A.N. with filter and iris diaphragm.
Part No. 5313003
Graduated mechanical stage.
Part No. 5313009
Video Micro-camera, 5 MP-:
- with connection USB for direct connection to a PC, including software.
Part No. 5435041
Wooden case with carry handle and lock.
Part No. 5313022

SPARE
LED lamp 0.5 W.
Part No. 5313028

ACCESSORY
Set of polarisers with circular graduated base and filter. Part No. 5313075

COMECTA Microscope Binocular “701 LED”



FEATURES
Binocular head with 45° tilt and full 360° rotation.
Interpupillary distance: 52 to 72 mm.
Dioptric adjustment of ±5 dp in both eyepieces, sharpness compensation for visual differences.
Pair of eyepieces DIN standard **WF10x** (18 mm Ø) and **WF16x**(11mm Ø).
Objectives DIN standard, achromatic, brightfield of 4x (A.N. 0.10), **10x** (A.N. 0.25), **40x** (A.N. 0.65) retractable and 100x (A.N. 1.25) immersion oil and retractable. Colour coded objectives for easy identification.
Total magnification: 1600x.
Four position objectives turret rotating in both directions with stop locator when it is in the correct position.
Large sub stage **135x145** mm, variable height with a rack and pinion mechanism with bilateral coaxial control. **Micrometer** adjustable stage graduated to 0.002 mm and **macrometer** adjustment tension, Movement up to 30 mm.
Safety stop with pre-set adjustable safety level.
Adjustable slide holder, with 0.1 mm scale with a smooth X-Y **40 mm longitudinal** and **80 mm** traversal movement.
Condenser Abbe of 1.25 A.N. with diaphragm iris and exchangeable filters. Rack and pinion height, adjustable.
Illumination transmitted (diascopic), with removable condenser lens and pre-centred lamp LED 3W, with variable intensity control. Suitable for use with an external light source using a plan or concave reflector mirror.
Robust construction that incorporates the illumination source and mains switch in the base.
Size: height 370 x width 200 x depth 225 mm.
Weight 6 Kg.
Supplied complete with blue set filters, matt glass filter, fuse, oil, dust cover.

Power supply: 110/220 V-50/60Hz.
Microscope Binocular 701 LEd. Part No. 5313111

ACCESSORIES
Eyepiece with wide angle lens WF-5x (single).
Part No. 5313034
Eyepiece with wide angle lens WF-15x (single).
Part No. 5313004
Eyepiece with wide angle WF-10x with reticule (single).
Part No. 5313035
Eyepiece with wide angle WF-10x with pointer (single).
Part No. 5313007
Video camera for eyepiece (see page. 286)
Part No. 5435041

SPARE
LED lamp 3 W.
Part No. 5313027