

ECLIPSE E200

Biological Microscope



Specifications

Main body	
Optical system	CFI60 Infinity Optical System, Parfocal distance: 60 mm
Illumination	LED model: High luminescent white LED illuminator (Eco-illumination), Approx. 60,000 hours lifetime, Compliant multi-voltage (100 V-240 V) Halogen model: 6V20W/6V30W halogen lamp, Compliant multi-voltage (100 V-240 V)
Fungus-proof eyepieces (F.O.V., mm)	With diopter adjustment <ul style="list-style-type: none"> • CFI E 10X (20) • CFI E 15X (12)
Focusing	Coaxial coarse/fine focusing, Right: fine, Left: coarse/fine, Focusing stroke: 26.5 mm, Coarse: 37.7 mm/rotation, Fine: 0.2 mm/rotation, Coarse motion torque adjustable, Refocusing function (includes self-restoring stage height after pushing down stage)
Fungus-proof tubes	<ul style="list-style-type: none"> • E2-TB Binocular Tube, Inclination: 30°, Pupillary distance: 47 - 75 mm, With eyepiece fixing clamp • E2-TF Trinocular Tube, Eyepiece/Port: 100/0, 0/100, 360° rotatable, Inclination: 30°, Pupillary distance: 47 - 75 mm, With eyepiece fixing clamp • C-TE2 Ergonomic Binocular Tube, Eyepiece/Port: 100/0, 50/50 via optional C-TEP2 DSC Port or C-TEP3 DSC port for ergonomic binocular tube, Inclination: 10°-30°, Extension: up to 40 mm, Pupillary distance: 50 - 75 mm, With eyepiece fixing clamp
Nosepieces	Reversed-type quadruple nosepiece (within main body)
Stages	Rectangular stage (within main body), with specimen holder, Cross travel: 78 (X) x 54 (Y) mm, Stage size: 222 (W) x 144 (D) mm
Fungus-proof objectives (NA / W.D., mm)	<ul style="list-style-type: none"> • CFI E Plan Achromat 4X (0.10 / 30.00) • CFI E Plan Achromat 10X (0.25 / 7.00) • CFI E Plan Achromat 40X (0.65 / 0.65) • CFI E Plan Achromat 100X Oil (1.25 / 0.23) CFI Achromat DL and other higher-grade CFI60 objectives can be used.
Condensers	<ul style="list-style-type: none"> • E2 Abbe Condenser NA 1.25, Aperture diaphragm with position guide markings for respective CFI E Plan objectives • E2 Phase Contrast Condenser NA 1.25, Aperture diaphragm with position guide markings for respective CFI Achromat DL objectives
Observation methods*1	Brightfield, Epi-fluorescence, Darkfield, Phase contrast, Simple polarizing
Intermediate attachment**	<ul style="list-style-type: none"> • E2-FM Epi-fluorescence Attachment, 2 filter cubes mountable, LED illumination (385/470/525/625 nm) • Y-THS Teaching Unit B (Side-by-Side) • Y-THF Teaching Unit (Face-to-Face) • Y-IDT Drawing Tube • Y-IER Eye-level Riser
Power consumption (max.)	Normal value: 3 W (LED model), 41 W (halogen model)
Weight (approx.)	7.3 kg (Binocular standard set)