

FL-100 and FL-100-LED

80.600 and 80.700*

HIGHLIGHTS

- Full size upright microscope
- Achromatic objectives
- Integrated coarse/fine control
- LED illumination/Tungsten illumination
- Cordless operation (for LED models)
- APL Coating

TECHNICAL SPECIFICATIONS

EYEPIECE

WF 10x/18 eyepiece with fixed pointer, secured

TUBE

Monocular 45° inclined tube, 360° rotatable. Tube length 160 mm

NOSEPIECE

Revolving nosepiece for 3 objectives

OBJECTIVES

DIN achromatic objectives 4x N.A. 0.10, 10x N.A. 0.25 and 540x N.A. 0.65

All objectives anti-reflection coated. The 40x is spring-loaded. Magnification 40x, 100x and 400x

STAND

- Coaxial coarse- and fine adjustment knobs on both sides with 0.002 mm graduations are equipped with slip clutch mechanism. Friction of the ball beared focus control can be adjusted
- The metal stand is enameled with an off-white stove-hardened lacquer
- Specimen protection: height of the stage can be blocked to prevent damage to objectives and slide

STAGE

- Square stage 110 x 120 mm, with 2 spring-mounted and locked-on object clamps with easy single hand operation
- A mechanical stage is optionally available (part number 80.973)

CONDENSER

Fixed condenser N.A. 0.65 and iris diaphragm with filter holder

ILLUMINATION LED

- Integrated LED illumination
- Adjustable intensity
- With detachable power adapter for 230 Volt operation
- Rechargeable batteries



● FL-100-LED

FL-100 80.600 AND FL-100-LED 80.700

370 (h) x 133 (w) x 180 mm (d) | 2.0 kg

ILLUMINATION TUNGSTEN

- 20 W integrated Tungsten illumination

PACKAGE CONTENT

- Packed with dust cover, tools, manual (both models)
- Rechargeable batteries, power adapter, white filter (LED version only)
- A spare bulb, spare fuse, power cable, blue filter (Tungsten version only)
- All in a polystyrene box

*These models replace resp.the 80.200 and 80.400

ACCESSORIES AND SPARE PARTS

- EC.6010** WF 10x/18 mm eyepiece
- EC.6010-P** WF 10x/18 mm eyepiece with pointer
- EC.6010-M** WF 10x/18 mm eyepiece with micrometer scale
- EC.6015** WF 15x/12 mm eyepiece for EcoBlue
- EC.6099** Pair of eyecups

- EC.7004** Achromatic 4x/0.10 objective. Parfocal 45 mm
- EC.7010** Achromatic 10x/0.25 objective. Parfocal 45 mm
- EC.7020** Achromatic 20x/0.40 objective. Parfocal 45 mm
- EC.7040** Achromatic 540x/0.65 objective. Parfocal 45 mm
- EC.7060** Achromatic 560x/0.85 objective. Parfocal 45 mm
- EC.7000** Achromatic S100x/1.25 oil immersion objective. Parfocal 45 mm
- AE.5150** Simple polarization attachment. Polarizer for inside eyepiece, analyzer for filter holder
- AE.5151** Simple polarization attachment. Polarizer for over eyepiece, analyzer for filter holder
- 80.889** Spare Tungsten bulb 230V 20W for 80.600
- 80.789** Spare LED unit for 80.700
- 80.973** Positioning X-Y stage, 50 x30 mm
- AE.9918** Nylon microscope bag, dimensions 26 x 18 x 400 mm



● FL-100

APL (ANTIMICROBIAL PROTECTION LAYER)



Using the same technology already used extensively throughout the healthcare environment in wall coatings, patient lighting, air pressure stabilization and suction liners, APL prevents the growth of unwanted microbes that can cause degradation, discoloration, staining or odors of the Euromex microscopes