

General Specifications

- Frame 12V100W Koehler illuminationsystem, Coarse & Fine focusing knobs, built in LED light for light intensity display, preset button switch, with gradation filter and built-in filter holders for three filters (LBD, ND6 and ND25),

Motorized reflected light fluorescence illuminator F.N 22 equipped with motorized shutter, field stop, aperture stop and motorized 8-position mirror unit turret, including ND filter slider AW2176, UV protective shield JA5311, shield plate JA5290, allen wrench AD6162, indication plate JA5820, and shield cap AC0792 (4 pcs) Corresponded to RoHS and WEEE regulations

Mirror Unit for fluorescence microscopy, wide band UV excitation, exciter filter BP340-390, dichroic beamsplitter DM410, barrier filter BA420-IF, including plastic case AR1924

- Transmitted light system with 100W halogen light source
- Coded function enabled 6 position objective holder with control unit
- Observation tube with photoport and three position prism for selection of light path for 100% observation, 20% - 80% Camera Port - observation, 100% Camera Port. 10X Magnification eyepieces of F.N 22
- Dual port adapter for 2 Cameras, Swing out type light condenser. Optics with 4 (N.A 0.13), 10 (N.A 0.3), 20 (N.A 0.5), 40 (N.A0.75) and **air immersion** 100(N.A 1.3) times magnification with the highest magnification should be a Achromat type.
- **Optics based observation and Imaging Frame for the existing MBF Neuronal imaging and analysis system and should be compatible with existing Motorized XY stage and other hardwares.**
- **Should be compatible with stage controller, Z motor and camera and support the existing software supplied by MBF bioscience.**
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