

B-1000FL-HBO - HBO Fluorescence Microscope

The modular OPTIKA B-1000 can stand a HBO fluorescence attachment, helping you working in a comfortable way during extended periods of use and performing reliable, accurate and rapid diagnosis benefiting from modularity, which gives the chance to create customized configurations tailored on customer needs. Versatile, robust, durable and sturdy, B-1000 offers premium quality optics (including Semi-Apo objectives), the state-of-the-art, exclusive **X-LED⁸** (8 W) illumination system, designed by OPTIKA and the Koehler diaphragm.

B-1000 gives multiple options as manual or motorized configuration, with a variety of objectives, stages and condensers.

Standard filterset

Name	Excitation filter (nm)	Dichroic mirror cut-off (nm)	Emission filter (nm)
B Blue	460 - 490	500	520LP
G Green	510 - 550	570	590LP

Additional filterset (optional)

Name	Excitation filter (nm)	Dichroic mirror cut-off (nm)	Emission filter (nm)
V (Violet)	400 - 410	455	455LP
UV	330 - 385	400	420LP



B-1000FL-HBO - Configuration Chart

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Laboratory

Build the microscope that suites your needs by choosing among the components

M-781

PL10x/22 eyepiece, high eyepoint,
with micrometric scale (10mm/100um)
& rubber cup (retractable)



M-1001

PL10x/22 eyepieces (pair),
high eyepoint, with rubber cup
(retractable)



M-1003

PL15x/16 eyepieces (pair),
high eyepoint



M-1011

Trinocular head, three positions
(100/0, 50/50, 0/100)



M-1012

Binocular ERGO head



M-1032

6-position HBO Fluorescence attachment, with standard Blue and
Green filtersets (FITC & TRITC)



M-1165

Fluorescence filterset
V (filterblock included)



M-1166

Fluorescence filterset
UV (filterblock included)



M-1021B

Main body with focus system and X-LED[®] illumination,
for general purposes



M-1021B+M-1156*+M-1149

Main body with motorized system and X-LED[®]
illumination, for general purposes



M-1042

Sextuple reversed nosepiece,
for RMS objectives with DIC slot



M-1043+M-1156*

Sextuple motorized reversed nosepiece,
for RMS objectives with DIC slot



IOS W-PLAN F



M-1060 4x
M-1061 10x
M-1062 20x
M-1063 40x
M-1064 100x

IOS U-PLAN F



M-1075 4x
M-1076 10x
M-1077 20x
M-1078 40x
M-1079 100x

M-1140

Standard mechanical stage



M-1141

Rackless mechanical stage



M-1143

MPC (Mineral Solid Surface)
rackless mechanical stage



M-1147+M-1156*

Motorized mechanical stage



M-1144

Heating stage, with digital
temperature controller



M-1150

0.90 N.A. swing-out
condenser



M-1151

1.2 N.A. swing-out condenser



M-618

Darkfield condenser
for dry objectives



* Code M-1156 must be added only **once** for any motorized configuration