

B-800 Series

Research microscopes



B-800BF Model - Brightfield version

OPTIKA Microscopes, thanks to the long experience achieved in microscopy development, has conceived the new B-800: a major leap in our technological offer. As a flagship instrument, B-800 originates, from customer most demanding feedbacks and needs. Its modularity and versatility will allow to find the perfect place in any clinical or basic research laboratory. All controls are easily accessible and comfortable also for extended periods of observation. The highest category of optical equipment among our product range guarantees a sharp and clear view in any situation, while top level mechanical design offers sturdiness and a long lifetime.

B-800 is built on IOS Infinity Corrected optical system, which gives both top-notch optical performances, and the possibility to extend your instrument with the broad range of accessories and modules. X-LED illumination is the best solution to have pure white light, very intense even at higher magnification, and optimum power efficiency given by solid state source.

If you search for our best solution to your present and future professional needs, B-800 is the answer.

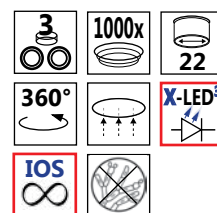
B-800BF

Brightfield research microscope

B-800PH

Phase contrast research microscope

B-800BF



B-800BF

Type:

BRIGHTFIELD RESEARCH MICROSCOPE

Description:

Laboratory microscope for routine and research applications.

Dye-cast frame, with high stability and ergonomics, for transmitted light observation.



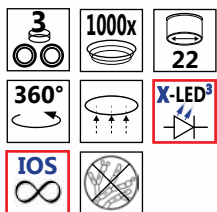
B-800BF Model - Configuration chart

BUILD THE MICROSCOPE THAT SUITES YOUR NEEDS BY CHOOSING AMONG THE COMPONENTS OF CONFIGURATION CHART:



B-800PH Model - Phase contrast version

B-800PH



B-800PH

Type:

PHASE CONTRAST RESEARCH MICROSCOPE

Description:

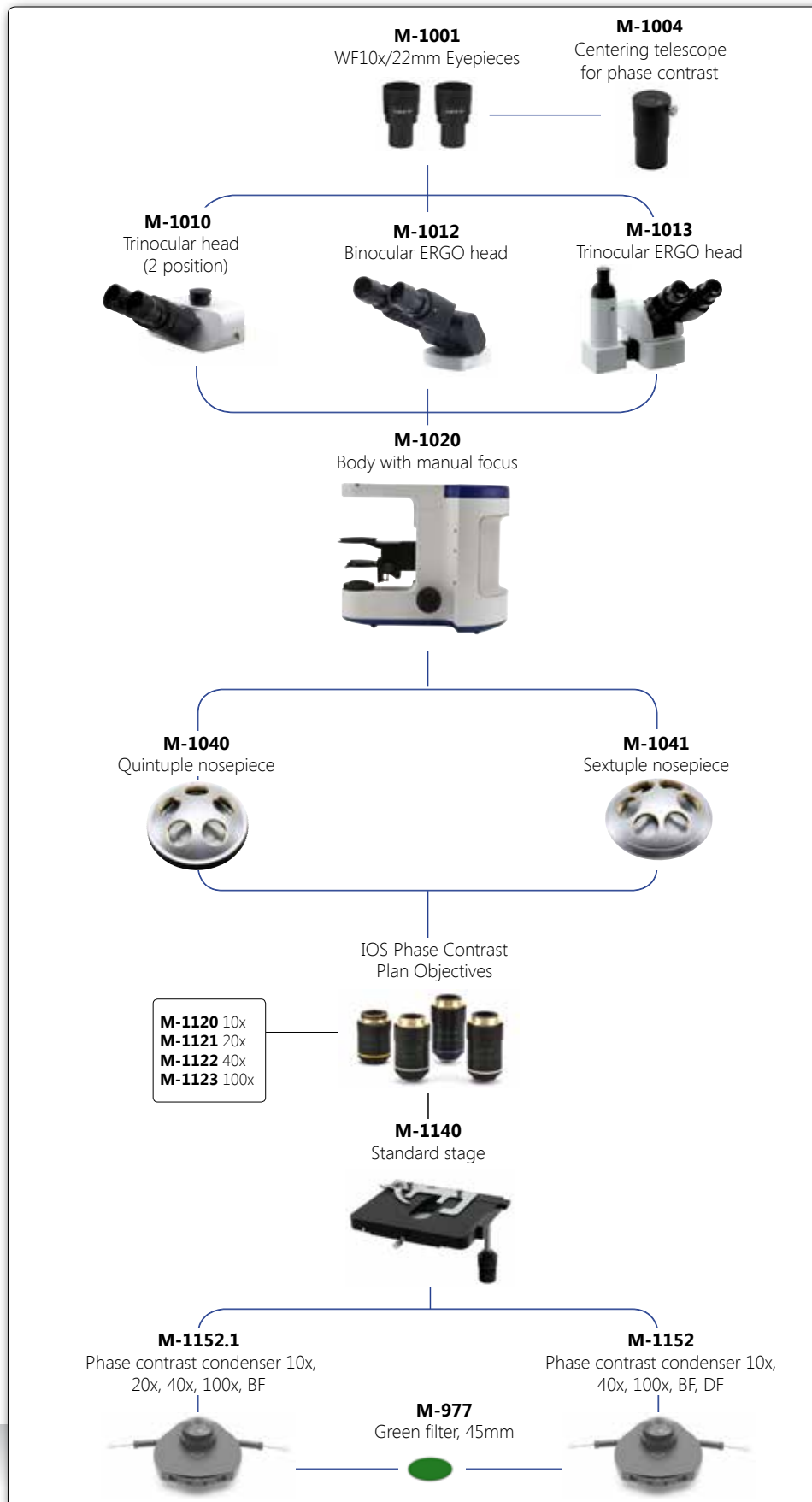
Laboratory microscope for routine and research applications.

Dye-cast frame, with high stability and ergonomy, for transmitted light observation.



B-800PH Model - Configuration chart

BUILD THE MICROSCOPE THAT SUITES YOUR NEEDS BY CHOOSING AMONG THE COMPONENTS OF CONFIGURATION CHART:



B-800 Series - Accessories

EYEPIECES

- M-1001 Eyepiece (pair) WF10x/22mm.
 M-781 Micrometer Eyepiece WF10x/22mm (10mm, 0.1mm div.).
 M-1003 Eyepiece WF15X/16mm.
 M-1004 Centering telescope for phase contrast.

HEADS

- M-1010 Trinocular Head (2 positions).
 M-1012 Binocular ERGO head.
 M-1013 Trinocular ERGO head.

NOSEPIECES

- M-1040 Quintuple nosepiece for RMS objectives.
 M-1041 Sextuple nosepiece for RMS objectives.

OBJECTIVES

- M-1050 4x IOS PLAN objective.
 M-1051 10x IOS PLAN objective.
 M-1052 20x IOS PLAN objective.
 M-1053 40x IOS PLAN objective.
 M-1054 60x IOS PLAN objective.
 M-1055 100x IOS PLAN objective.
 M-1060 4x IOS Semi-APO E-PLAN objective.
 M-1061 10x IOS Semi-APO E-PLAN objective.
 M-1062 20x IOS Semi-APO E-PLAN objective.
 M-1063 40x IOS Semi-APO E-PLAN objective.
 M-1064 100x IOS Semi-APO E-PLAN objective.
 M-1120 10x IOS PLAN objective, for Phase Contrast.
 M-1121 20x IOS PLAN objective, for Phase Contrast.
 M-1122 40x IOS PLAN objective, for Phase Contrast.
 M-1123 100x IOS PLAN objective, for Phase Contrast.

STAGES

- M-1140 Standard Mechanical Stage.
 M-1141 Belt Drive Mechanical Stage.
 M-1142 Ceramic Coated Mechanical Stage.
 M-1143 MPC (Mineral Solid Surface) Belt Drive Mechanical Stage.
 M-1144 Heating Stage.

CONDENSERS

- M-1150 0,90 N.A. Swing-Out Condenser.
 M-1151 1,25 N.A. Swing-Out Condenser.
 M-1152 Phase contrast condenser 10x, 40x, 100x, BF, DF.
 M-1152.1 Phase contrast condenser 10x, 20x, 40x, 100x, BF.
 M-618 Darkfield condenser for dry objectives (dry) spot.

ACCESSORIES

- M-1004 Centering telescope for phase contrast.
 M-005 Micrometric slide, 26x76mm, range 1mm, div. 0,01mm.
 M-613 Polarizing set (filters only).
 M-615 Lambda filter for polarizing set.
 M-617.1 Single phase contrast set 40x, plan IOS objective.
 M-977 Green filter, 45mm diameter.
 M-690 Eyecup (pair).
 M-619 Photo adapter for REFLEX camera with FULL FRAME sensor.
 M-173 Photo adapter for APS-C and Full Frame Reflex cameras.
 M-699 Universal adapter for OPTIKAM & DIGI cameras (only models with eyepiece adapter, 23mm).
 M-620 CCD camera adapter for 1/3" sensor.
 M-620.1 CCD camera adapter for 1/2" sensor.
 15008 OPTIKA immersion oil, 10ml.

15104 - Lens cleaner, 50ml

It cleans glass quickly and effectively, without leaving residue or odor. Ideal for precision lens or prism cleaning.



10X: M-1120

20X: M-1121



40X: M-1122

100X: M-1123

IOS (infinity corrected) Phase Contrast Plan Objectives



M-1010

Trinocular Head (2 positions)



M-1040

Quintuple revolving nosepiece, for RMS objectives



M-1041

Sextuple revolving nosepiece, for RMS objectives

Headquarters and Manufacturing Facilities

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