

Observer III & IV

Construction

Heavy cast alloy
Acid and reagent resistant finish
All metal gearing

Head

Standard monocular head
Bearing mounted, rotates 360°
45° inclined head
10X/18 wide field eyepiece
Locked-in eyepiece with pointer
Binocular and teaching heads available

Objectives

DIN achromatic
Observer III: 4X, 10X, and 40XR
Observer IV: 4X, 10X, 40XR, and 100XR (oil)
Parfocal and parcentric
Color coded
Four-position nosepiece

Stage

Pre-drilled and tapped for optional mechanical stage
Spring loaded slide clips included
Stage size: 122mm x 120mm

Adjustment Controls

Coarse and fine focus
Adjustable stage stop

Illumination

Moveable Abbe condenser, NA 1.25
Iris diaphragm
Swing-out filter holder
Tungsten, fluorescent, halogen, and cordless **MOBI**
available
110V (220V optional)
Mirror illuminator for field use

Accessories Included

Dust cover, mirror illuminator, blue and green filters, two fuses, spare bulb (with halogen), manual, and warranty card

Warranty

Lifetime on materials and workmanship
One year on electronic components

Dimensions and Weight

Height: 14" (355mm)
Length: 7.7" (196mm)
Width: 5.5" (140mm)
Weight: 6.9 lbs. (3.1kg)

Moveable Abbe Condenser

Iris Diaphragm

100X Oil Immersion Objective Available



The Observer III and IV microscopes are designed for secondary education. Standard features include a moveable 1.25 Abbe condenser, coarse and fine focus, four hole nosepiece for up to 1000X magnification, and an iris diaphragm. A multitude of options are available to fit every customer's needs and school bid specifications. Ask about **MOBI**, the cordless, rechargeable LED lighting system.

Part #	Description
OB3MF	4X, 10X, 40X w/ fluorescent
OB4MF	4X, 10X, 40X, 100X oil w/ fluorescent

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