

Observer Plus

True Mechanical Stage
Coaxial Coarse and Fine Focus
Rack and Pinion Mounted Condenser



For premium, laboratory-grade features on an educational microscope, look to the Observer Plus. Teachers and students will appreciate the coaxial coarse and fine focus knobs and true built-in mechanical stage. The binocular version has a quality Seidentopf head with dual diopter adjustments for clear viewing.

Part #	Description
OB4-MFP	Monoc Fluorescent
OB4-BHP	Binoc Variable Halogen



LW Scientific, Inc.
4727-G North Royal Atlanta Drive, Tucker, GA 30084
Tel #770-270-1394 • Fax #770-270-2389
Website: www.LWScientific.com

Construction

Heavy cast alloy
Acid and reagent resistant finish
All metal gearing

Head

Standard binocular head (Seidentopf)
30° inclined head, rotates 360°
10X/18 wide field eyepieces
Locked-in eye pieces with one eye pointer installed
Monocular 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

Built-in mechanical stage
Stage size: 122mm x 120mm
Traverse range: 74mm x 30mm
Slow-close slide finger

Adjustment Controls

Coaxial, coarse and fine focus
Adjustable stage stop
Interpupillary distance range 55-75mm

Illumination

Moveable Abbe condenser,
NA 1.25 (rack and pinion)
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: 10.5 lbs. (4.8kg)