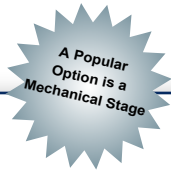


## Observer III & IV



The Observer III and IV microscopes are designed for secondary education. Standard features include a moveable 1.25 Abbe condenser, coarse and fine focus, 4-hole nosepiece for up to 1000X magnification, and an iris diaphragm. A multitude of options is available to fit every customer's needs and school bid specifications. Ask about MOBI, the cordless, rechargeable LED lighting system.

- Moveable Abbe Condenser
- Iris Diaphragm
- 100X Oil Objective Available

### Construction

Heavy cast alloy  
Acid and reagent resistant finish  
All metal gearing

### Head

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

### Objectives

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

### 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 with tension adjustment  
Adjustable stage stop

### Illumination

Moveable Abbe condenser, NA 1.25  
Iris diaphragm  
Swing-out filter holder  
Choose: 20w tungsten, 7w fluorescent,  
15w variable halogen, or cordless LED *MOBI*  
Input 110V (220V optional)  
Mirror illuminator included for field use

Model #	Head	DIN Achro. Objectives	Illumination
OB3MT	Monoc	4-10-40	Tungsten
OB3MF	Monoc	4-10-40	Fluorescent
OB3MM	Monoc	4-10-40	<i>MOBI</i> 
OB3TF	Teaching	4-10-40	Fluorescent
OB3TM	Teaching	4-10-40	<i>MOBI</i> 
OB4MT	Monoc	4-10-40-100	Tungsten
OB4MF	Monoc	4-10-40-100	Fluorescent
OB4MM	Monoc	4-10-40-100	<i>MOBI</i> 
OB4TF	Teaching	4-10-40-100	Fluorescent
OB4TM	Teaching	4-10-40-100	<i>MOBI</i> 

\*To include an add-on mechanical stage, add an "M" to the part number.

### Accessories Included

Dust cover, mirror illuminator, blue and green filters, two fuses, spare bulb, 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)

