

Revelation III *Microscope*

A heavy-duty performer for the busy lab, the Revelation III professional laboratory microscope is suited for the strictest research, academic, and professional environments. Equipped for performance, its features include titanium finished achromatic (RV30A) or semi-plan optics (on RV30S), a 30-year antifungal coating, mirror attachment for field use, and 12v DC or 110/220v AC input. The Revelation III is the choice for superior performance. A great value!

Part#	Description
RV30A	Revelation III with achromatic objectives
RV30S	Revelation III with semi-plan objectives

Options
 Trinocular Head
 Darkfield & Phase
 Photo Tube
 12v DC Battery Cables

Trinocular head
 and photo tube
 options!



*Field Ready
 Semi-plan or Achromatic*

CONSTRUCTION

Rugged alloy
 Acid and reagent resistant finish

NOSEPIECE

Quadruple—multiple ball bearing

BINOCULAR HEAD (Seidentopf)

Inclined 45°
 Rotates 360°
 Dual diopter adjustment
 10x and 16x wide field eyepieces (pair of each)

ILLUMINATION

Moveable Abbe condenser (NA 1.25) with iris diaphragm
 Includes filter holder and filters (blue, yellow and green)
 Halogen light source (12v 20w bulb)
 110v or 220v Input—automatic switching
 12v DC Input for field use

OBJECTIVES

Din achromatic or semi-plan
 4X NA .10
 10X NA .25
 40XR NA .65
 100XR NA 1.25 (oil immersion)

STAGE

Mechanical stage (140mm x 140mm) with coaxial drive controls
 Range of traverse is 73mm x 43mm
 Stage locking lever, tension adjustment

ADJUSTMENT CONTROLS

Eyepiece: Interpupillary distance adjustment range 55-75mm
 Stage Controls: Lateral and forward/reverse
 Coarse Adjustment: Range of 15mm
 Fine Adjustment: Graduation of 2 μm
 Variable Light Adjustment: 0 - 20 watt output

DIMENSIONS & WEIGHT

Weight: 18 lbs.
 Height: 15"
 Length: 9"
 Width: 7.0"