

FIND-R-SCOPE UV Scope Ultraviolet Viewer Model 85300 and 85300-5



Field of View :	40°
Magnification:	~ 1:1
Spectral Sensitivity :	180-1350nm
Lens:	Custom Uvagon 25mm, f/3.0 UV grade fused silica
Standard Focal Range :	114mm, (4.5") to infinity
Regions Displayed:	Deep UV, Visible, Near-IR
Peak Sensitivity :	300 nm
Resolution	50 Lines/mm, minimum
Display:	P20 Phosphor
Power:	(1) standard "C" cell alkaline battery
Battery Life :	>250-hours int., >375-hours continuous
Sensitivity Test :	See 1350 nm, 400µW LED @ 8-ft. See 1550nm, 350 µW LED @ 8-ft.
Operating Temp.	-32° to 46°C, (-25 to 115°F)

Printer Friendly Version

The FIND-R-SCOPE 85300 and 85300-5 is a self-contained, hand-held Ultraviolet thru Near-Infrared Viewer with a spectral sensitivity of 180-1350 nm. 85300-5 sensitivity extends to 1550nm.

- Lightweight
- Self-Contained
- UL Approved
- High-Resolution
- Custom f/3.0 Uvagon Lens
- User Adjustable Eyepiece
- Standard Tripod Mount
- Accepts Optional Filters
- Accepts UV Series Lenses
- Accepts Optional Iris
- Accepts Optional CCD Mt.
- Includes Battery
- Includes Hard Side Case
- 18-Month Limited Warranty

Description:

The FIND-R-SCOPE® 85300 and 85300-5 is a self-contained, hand-held Ultraviolet viewer operating in the deep UV thru near-infrared region of the spectrum. A high-resolution image converter tube, and high voltage power supply combine with UV grade optics to permit a clear view of objects or images which can not otherwise be seen by the naked eye.

The FIND-R-SCOPE® has a wide variety of applications in many different industries. These applications are further expanded by taking advantage of the available accessories. The optional close-up lens allows for viewing within 2" to align and verify fiber optic sources. The infrared filters increase the signal-to-noise ratio by blocking visible light while inspecting infrared emitting diodes, aligning laser systems and examining art and other historic or legal documents.

Other applications include low light surveillance, excimer laser alignment, biological research, electrical maintenance, hot-spot detection, clinical medicine, and viewing in photographic darkrooms.