

UV-3150

High Resolution Ultraviolet Viewer



CPL- UV-3150

STANDARD APPLICATIONS

The CPL- UV-3150 is a high resolution hand held ultraviolet viewer capable of viewing ultraviolet light from about 180nm through the visible and near infrared wavelengths to 1300nm.

The CPL- UV-3150 is designed to be easy to use under all types of operating conditions. The CPL- UV-3150 has proven to be a very useful diagnostic tool when working in the ultraviolet as well as the infrared wavelengths.

Each CPL- UV-3150 is shipped with two interchangeable objective lens. Each lens is designed to work in different areas of the electromagnetic spectrum. This feature allows the operator to choose between the "UV" lens when working in the ultraviolet spectrum and then choose the "IR" lens when working in the near infrared spectrum.

PRODUCT SPECIFICATIONS

Photocathode	UV Broad Band
Spectral Response	.18 to 1.3 Microns
Resolution	60 lp/mm
Objective Lens	F-1.4 25mm
Weight	550 grams
Dimensions	65x95x50mm
Power Requirements	9 V DC
Eyepiece	+ or - 5 Diopters

STANDARD FEATURES

The CPL- UV-3150 features a convenient handle for easy grasping and comfortable use. A push-button switch is located on the handle for simple viewer operation. A 1/4 - 20 tpi tri-pod mount is located on every viewer for securely mounting the viewer to a tri-pod or work bench should this be required. The CPL- UV-3150 is powered by a disposable 9 v dc battery which is located in the viewer's handle.

The CPL- UV-3150 features a highly efficient high voltage power supply capable of powering the viewer for over 200 hours of use. This high voltage power supply also contains a bright source protection circuitry which will protect the viewers sensitive detector against accidental exposure to very bright light sources.

The CPL- UV-3150 utilizes a two lens system for optimum performance from the UV to the IR. Each lens is designed and manufactured to perform well in its respective wavelength. Also the UV objective is capable of imaging well into the visible as well as the IR thanks to its computer designed optical system.

The CPL- UV-3150 also features a well balanced multi element eyepiece. The eyepiece features a convenient 5 start external thread that allows the operator quick and convenient adjustment when passing the viewer from technician to technician.

Please contact our sales engineers for any additional information or further product details.

Specifications Subject To Change Without Notice