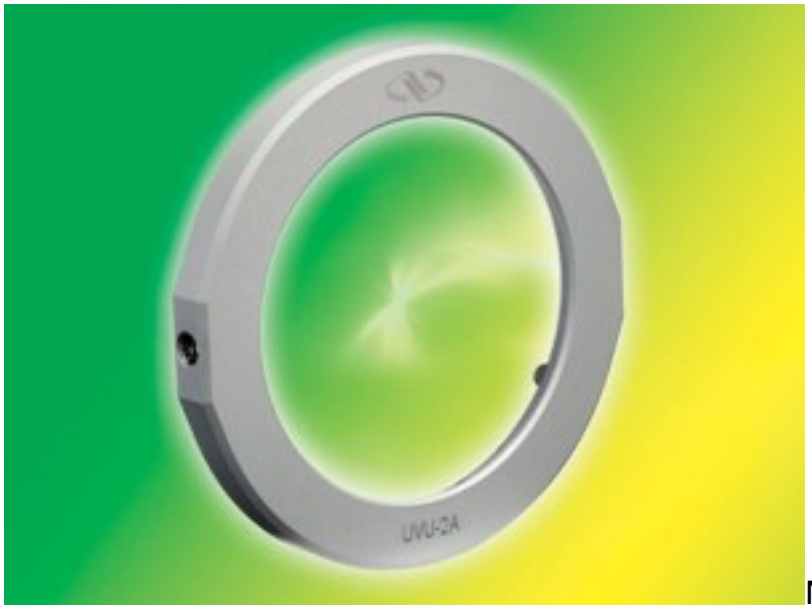
Ultraviolet Beam Viewer

MDT Staff



Newport Corporation, a worldwide leader in laser and photonic solutions that Make, Manage, and Measure Light®, introduces an ultraviolet (UV) beam viewer, the UVU-2A. By placing this optically clear device into the path of a UV laser, beam characteristics such as laser mode structure, beam shape, and beam alignment can be easily observed. The optical glass of the clean-room-compatible UV beam viewer will glow white green when exposed to UV radiation.

Newport's UV beam viewer features a useful wavelength range of 193 – 355 nm and is ideally suited for the wavelengths of Excimer lasers commonly used in semiconductor manufacturing, micromachining applications, as well as in eye surgery. The robust UVU-2A housing provides threaded #8-32 and M4 holes to enable use as a wand or to be mounted on a bench using Newport's standard posts. With its thin 5 mm profile, the UV beam viewer can be easily inserted into even the tightest optical setups. The large, 48.3 mm, clear aperture allows the user to readily capture the beam on the optic.

According to Anna Sansan Wang, Newport's optics product manager, "Newport's new UV beam viewer is a perfect choice to visualize the beam characteristics of UV lasers for both research and industrial applications."

For more information, visit www.newport.com/UV-Beam-Viewer [1].

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[1] http://www.newport.com/UV-Beam-Viewer