



LWD Luminescence/ Fluorescence Probe

The Long Working Distance Luminescence/Fluorescence Probe (LWD Lumi/Fluo Probe) is an ideal and versatile sampling tool for the laboratory as well as in the field. Together with a spectrometer, a laser, and optic fibers, it makes luminescence or fluorescence measurements on any samples from anywhere possible. It is a very useful tool for measuring samples in a cryogenic or a vacuum chamber. The LWD Lumi/Fluo Probe is also very convenient for *in-situ* testing or real-time monitoring.

Features and Specifications:

- Collinear design with high throughput optics and long working distance
 - ✓ High collection efficiency
 - ✓ Working distance > 20 mm
- Built-in laser line clean-up filter
 - ✓ Eliminate contaminating signal by other lights from the laser
 - ✓ Available for laser wavelengths 405 – 1064 nm
- Built-in deep narrow notch filter
 - ✓ OD > 6 for maximum rejection of Rayleighscattering
 - ✓ High transmission for detection of very weak signals
- Ultra-wide passbands (UV-1600nm) for measurements of luminescence/fluorescence signal from UV to NIR
- Convenient SMA 905 coupling connectors

Dimensions:

121 mm (L) × 75 mm (W) × 35 mm (H)



Other Accessories and Parts:

- XY, XYZ translation stages
- Customized mirrors, mirror with through-hole in the center with off-the-shelf price
- Customized fiber bundle

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