

Cuvette Holder - Fixed Pathlength

Guided Wave's Cuvette Holder is a useful accessory for laboratory work, calibration development or feasibility studies. The cuvette holder is standardized for cell pathlengths of: 5mm, 10mm or 20mm. It connects to any Guided Wave analyzer through a pair of intrinsically safe fiber optic cables. The cuvette holder is a convenient, compact, rugged lab sample interface that is easy to use and even easier to service. The cuvette holder can be configured for operation in either the Vis/NIR spectral range or the UV/Vis spectral range. The optional removable filter holder (shown) allows for easy system validation.

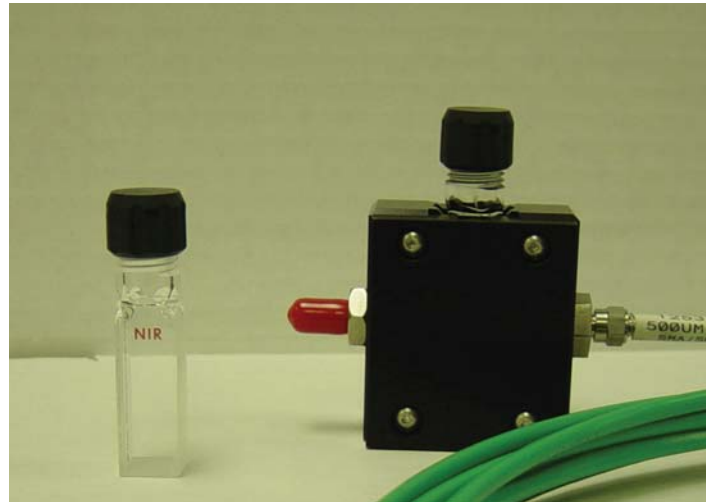
A Simple, Serviceable Design

Key elements of the Cuvette Holder design are standard cell pathlengths, removable filter holder, high optical efficiency, and standard SMA 905 connectors.

Exceptional Light Transmission

Like other Guided Wave optical probes, the cuvette holder provides exceptional optical performance. Internal optics result in a collimated light beam for consistently accurate measurements. Typically, peak transmission exceeds 60%. That means more signal, lower measurement noise and lower limits of detection.

Please contact a Guided Wave at gwinfo@guided-wave.com for other details and part numbers. Precision optical cuvettes are also available. Information on Guided Wave's process analyzers, process probes, and fiber products can be found at www.guided-wave.com.



Cuvett Holder Features

- Optical paths of 5 mm, 10mm or 20mm
- Fixed / reproducible pathlength
- Compatible with commercially available cuvette cells
- High optical throughput for low noise spectroscopy
- NIR or UV optics
- Suitable for lab or pilot plant use
- Optional removable filter holder for easy system validation

Specifications

Body Material	Aluminum (black)
Pathlength	5mm, 10mm or 20mm
Spectral Range	Vis/NIR (400-2100 nm) UV/VIS (200 - 1000 nm)
Optical Efficiency	> 60% (800 – 1650 nm)
Fiber Termination	SMA 905