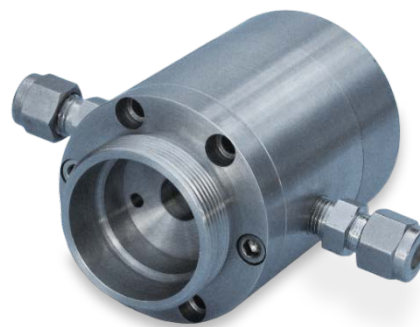




LFV-532

Short Path Process Transmission Cells

Sample compartment or Axiot-coupled cells for demanding applications
Near-IR, Mid-IR, UV-Visible.



LFV-532 Transmission Cells were designed to provide the highest possible performance in industrial process applications (See feature list below). Each cell is factory calibrated to provide the path length specified at the time of order. However, if desired, the path length can be reset in the field. Furthermore, a LFV-532 cell can be disassembled for cleaning and then reassembled without altering the path length.

In most installations, LFV-532 cells are mounted outboard of a Spectrometer and coupled to the instrument by means to the Axiot system of optical transfer modules. However, they can also be mounted in a spectrometer sample compartment. In this case, a cell will generally be provided with an optional sample compartment interface specific to the particular instrument to be employed.

FEATURES:

- Precise path length (0.2 – 5 mm)
- High transmission
- Unrestricted flow path
- Robust construction
- Controlled wedge angle to eliminate fringing
- Near-IR, mid-IR, or UV-Visible spectral range

LFV-532 SPECIFICATIONS:

Path length:	0.2 – 5 mm (Factory set)
Wedge Angle:	Factory set as specified
Window Material:	Fused silica, standard (Others available)
Material of Construction:	316 stainless steel standard
Window seals:	Viton ® O-rings standard
Window aperture:	10 mm

Max. Temperature:	180 °C (250 °C with optional Kalrez O-rings)
Max. Pressure:	50 bar
Sample Fittings:	1/8 NPT female ports
Optical Fittings:	Axiot threaded fittings
Sample Compartment Mount:	Optional
Support Saddle:	Provided