

SmartSeal Flow Liquid Transmission Cells – For liquid flow applications



FEATURES

- Stainless steel body
- Permanently mounted, precision pathlengths for maximum reproducibility
- RoHS compliant
- Compatible with all FTIR spectrometers

The PIKE Technologies SmartSeal Flow Cells are ideal for infrared transmission measurements of liquid samples in flow environments. The precise, reproducible pathlength allows for obtaining reliable quantitative results. Using a proprietary sealing technique, these are designed to be leak-proof for long-lasting sampling. The cells are fully RoHS compliant. Each cell is mounted on a 2" x 3" slide mount card compatible with all FTIR spectrometers. The cell body is stainless steel. The flow direction is vertical, and fittings are 1/8th inch compression fitting for easy connection to flow lines. The clear aperture of the assembled cell is 13 mm. SmartSeal Cells are available with ZnSe, CaF2 and SiO2 windows.

ORDERING INFORMATION

SMARTSEAL FLOW LIQUID TRANSMISSION CELLS – WINDOW OPTIONS

Path (mm)	0.1	0.2	0.5	1	2	5	10
ZnSe	166-1001	166-1002	166-1003	166-1004	166-1005	166-1006	166-1007
CaF2	166-1011	166-1012	166-1013	166-1014	166-1015	166-1016	166-1017
SiO2	166-1021	166-1022	166-1023	166-1024	166-1025	166-1026	166-1027

Note: Contact us for cells requiring pathlength and window material not shown here.