SmartSeal Flow
Liquid Cell

AT A GLANCE

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

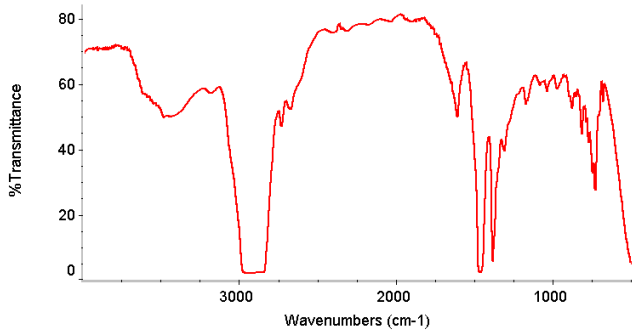
SmartSeal Flow Liquid Cells – Window Options

Pathlength *(mm)*	ZnSe	CaF_2	SiO_2
0.1	166-1001	166-1011	166-1021
0.2	166-1002	166-1012	166-1022
0.5	166-1003	166-1013	166-1023
1.0	166-1004	166-1014	166-1024
2.0	166-1005	166-1015	166-1025
5.0	166-1006	166-1016	166-1026
10	166-1007	166-1017	166-1027

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

The 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 leakproof 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 ⅛th 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, CaF_2 and SiO_2 windows.



IR transmission spectrum of oil.

