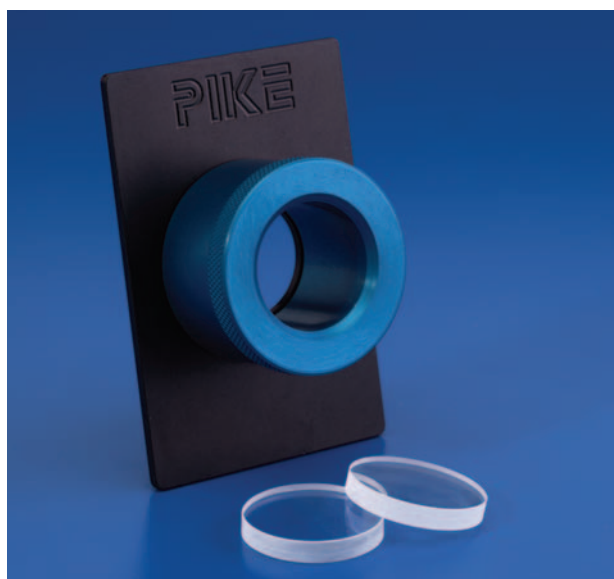


# Press-On Demountable Cell – For Viscous Liquids and Mulls

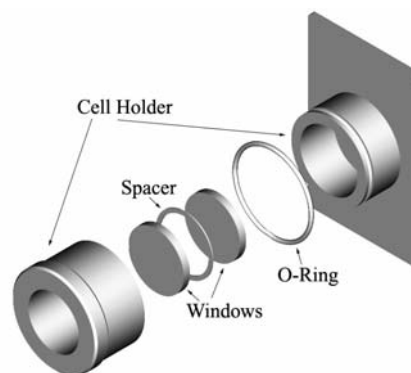


## FEATURES OF THE PRESS-ON DEMOUNTABLE CELL

- Flexible window selection for optimizing spectral range and sample compatibility
- Demountable cell design for optimal cleaning of difficult samples
- Compatible with all FTIR spectrometers

The PIKE Technologies Press-On Demountable Liquid Cell is recommended for fast and convenient qualitative analysis of viscous liquids and mull samples. Simply spot the sample onto the middle of the transparent IR window and slip the second window over the top. The windows are conveniently held in place by the friction fit of the Demountable Cell Holder. The Press-On Demountable Cell is available in 2 sizes – 25 mm and 32 mm and has optional Teflon spacers to assist with sampling pathlength. A wide variety of window types and spacer pathlengths are available to cover mid-IR, NIR, and far-IR spectral regions and sample composition from organic to aqueous.

The PIKE Technologies Press-On Demountable Liquid Cell is designed with a standard 2" x 3" plate for use with all FTIR spectrometers.



Press-On demountable cell assembly layout

## ORDERING INFORMATION

### Press-On Demountable Liquid Cell Holders

PART NUMBER	DESCRIPTION
162-3600	Press-On Demountable Liquid Cell Holder for 25 mm Windows <i>Includes: cell holder, gaskets, and o-ring</i>
162-3610	Press-On Demountable Liquid Cell Holder for 32 mm Windows <i>Includes: cell holder, gaskets, and o-ring</i>

### Press-On Demountable Liquid Cell Windows (select minimum of 2)

DESCRIPTION	PART NUMBER	
	25 x 4 mm	32 x 3 mm
BaF <sub>2</sub>	160-1217	160-1147
CaF <sub>2</sub>	160-1211	160-1143
Ge	160-1138	160-1137
KBr	160-1133	160-1132
KRS-5	160-1127	160-1126
Polyethylene	160-5214	160-5216
SiO <sub>2</sub>	160-5089	160-5049
Si	160-1116	160-1159
ZnSe	160-1114	160-1113

Notes: Please see the FTIR instrument code sheet. For additional window selections please see the windows page of this catalog.

### Press-On Demountable Liquid Cell Spacers (Optional)

PATHLENGTH (MM)	PART NUMBER	
	25 mm	32 mm
0.015	162-1110	162-1210
0.025	162-1120	162-1220
0.050	162-1130	162-1230
0.100	162-1140	162-1240
0.200	162-1150	162-1250
0.500	162-1160	162-1260
1.000	162-1170	162-1270
Assortment	162-1190	162-1290

Notes: Spacer pathlength packages above include 12 each of the spacers. The assortment package includes 2 each of the different pathlengths.

### Press-On Demountable Liquid Cell Replacement Parts

PART NUMBER	DESCRIPTION
162-3621	Viton® O-Rings, 25 mm (12 each)
162-1330	Viton O-Rings, 32 mm (12 each)

Notes: For other options for the Press-On Demountable Liquid Cell, please contact PIKE Technologies.