

DLC 2™

These affordable Demountable Liquid Cells are excellent for examining injected liquids and flowing liquids. These cells combine our time-tested leak-free design with an all-PTFE cell body for superior chemical resistance. The Luer Lok fitting model is perfect for examining injected liquids under static conditions. With the flangeless fittings models, it is simple and straightforward to flow liquids through the cell for applications.. Both cells feature easily variable pathlengths.

APPLICATIONS

- ▶ Ideal for infrared measurements of liquids.
- ▶ Excellent for laboratory applications.

FEATURES

- ▶ Variable pathlength from 25µm to 500mm.
- ▶ Leak-free design.
- ▶ Utilizes standard, non-drilled windows.
- ▶ Disassembles easily for cleaning and window replacement.
- ▶ Two ports for static or flow applications.
- ▶ Sample slide plate mounted for user convenience.
- ▶ Chemically resistant PTFE cell body and fittings.
- ▶ Choice of:
 - ▶ Static cell with Luer Lok fittings.
 - ▶ Flow cell with flangeless fittings for 1/8" or 1/16" tubing. Operable to 1.4MPa (200 psi) with the appropriate windows. Includes ~0.3 m of tubing.
- ▶ Open aperture: 8mm.
- ▶ Optional spacers available to extend the pathlength range from 6µm to 1mm.



INCLUDES

- ▶ PTFE cell with Luer Lok or flangeless fittings.
- ▶ Viton o-rings.
- ▶ Slide plate mounting.
- ▶ Six PTFE pathlength spacers: 25, 56, 100, 150, 250 and 500 µm.
- ▶ Flangeless fitting models come with two 0.3 m lengths of tubing.
- ▶ Windows need to be ordered separately (see table).

Windows	13x2 mm
Al ₂ O ₃	WBD-U22
CaF ₂	WFD-U22
ZnS	WID-U22
NaCl	WLD-U22
ZnSe	WMD-U22
KBr	WPD-U22

Spacers Sets (12 per package)

6µ	MSP-006-M13
12µm	MSP-012-M13
25µm	MSP-025-M13
56µm	MSP-056-M13
100µm	MSP-100-M13
150µm	MSP-150-M13
250µm	MSP-250-M13
390µm	MSP-390-M13
500µm	MSP-500-M13
630µm	MSP-630-M13
750µm	MSP-750-M13
950µm	MSP-950-M13
Assorted Spacers	
one each: 6, 12, 25, 56, 100, 150, 250, 390, 500, 630, 750 and 950 µm	
assorted	PSA-M13

ORDERING INFORMATION

DLC 2™	DLC-L13
DLC 2™ Flow Cell (1/16" tubing)	DLC-F13-062
DLC 2™ Flow Cell (1/8" tubing)	DLC-F13-125

CATALOG NO.

OPTIONS AND REPLACEMENT PARTS

Viton O-Ring	ORV-012
Kalrez O-Ring	ORK-012
Viton O-Ring (DLC-L13 only)	ORV-003
Kalrez O-Ring (DLC-L13 only)	ORK-003