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TECHNOLOGY GROUP

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Find the *Harrick Scientific Products DGC-S10* at our website: *Click HERE*

III – Transmission

Gas cells are ideal for examining gases and gaseous mixtures in static or flow environments. Both short and long path-length gas cells are available. The Multiple Pass, Variable Pathlength Gas Cells are particularly useful for air pollution and similar studies.

Demountable Gas Cells



Applications

- Invaluable for spectroscopic studies of gases and vapors at low pressures.

Features

- 5cm or 10cm pathlengths.
- Operable at pressures up to 2 atmospheres.
- Two ports allow both static and flow-through applications.
- Ground glass stopcocks and Viton O-ring seals provide a leak-free system.
- Pyrex cell body, inert to most gases, allows visual inspection for possible solid and liquid contaminants.
- Easy to disassemble for cleaning and window replacement.
- Sample slide plate mounted for easy installation.
- Floor mounted model available upon request.

Includes

- Pyrex cell and mounting hardware for the windows.

Windows and O-rings

	25x2mm	25x4mm	50x3 mm	50x6 mm
Windows:				
CaF_2	WFD-U25	WFD-U45	—	WFD-U67
ZnS	WID-U25	WID-U45	WID-U37	—
NaCl	WLD-U25	WLD-U45	—	WLD-U67
ZnSe	WMD-U25	WMD-U45	WMD-U37	—
KBr	WPD-U25	WPD-U45	—	WPD-U67
O-rings:				
Viton	ORV-020	ORV-020	—	ORV-032
Kalrez	ORK-020	ORK-020	—	ORK-032

Ordering Information

	Catalog No.
Demountable Gas Cells:	
10cm (two 50x6mm or 50x3mm windows)	DGC-A10
10cm (one 25x2mm and one 50x6mm window)	DGC-S10
10cm (two 25x2mm windows)	DGC-B10
5cm (two 50x6mm windows)	DGC-A05
5cm (one 25x2mm and one 50x6mm window)	DGC-S05
5cm (two 25x2mm windows)	DGC-B05

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