

Gas Flow Cell FCS80, 1/8" Fit, SC/APC



#72-184

Stock **#72-187 1 In Stock**

-

1

+

MRP ₹1,39,122

Price inclusive of all taxes

ADD TO CART

Volume Pricing	
Qty 1+	₹1,39,122 each
Need More?	Request Quote

Product Downloads

78.1	Path Length (cm):
>35%	Throughput (%):

SC/APC	Fiber Connector Type:
--------	-----------------------

General	
FCS	Type:
FCS-80-SS-1/8-SCAPC	Model Number:

Optical Properties	
1260 - 1800	Wavelength Range (nm):

Environmental & Durability Factors

Operating Temperature (°C):	
0 to +70	
Storage Temperature (°C):	
-40 to +85	

Regulatory Compliance

Certificate of Conformance:	
View	
Country of Origin:	
United States	
Imported By:	
Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91- 80-6845 0000	

Product Details

- Free Space and Fiber-Coupled Designs for UVthrough IR
- Stainless Steel Designs for Operation at High Temperatures and Pressures
- Designed for Easy Integration

Wavelength References Gas Flow Cells are designed for through-flow laser-based gas interrogation. The cells are housed in a rugged vacuum tight enclosure made of 316 stainless steel and feature Swagelok® tube fittings for gas inflow and outflow. We currently offer the following options:

- FCW (WIndowed Gas Flow Cells) are optimized for free space applications with a CaF2 window on the endcap, and feature a 10 cm path length and >50% transmission from 150nm to 9µm.
- FCS (Single-Mode Fiber-Coupled Gas Flow Cells) are offered in both single mode and multimode configurations that correspond to 16.7 cm and 76.1 cm path lengths, respectively. Available with FC/PC, FC/APC, SC/PC, or SC/APC connectors, these flow cells feature SMF28e fiber for use in the 1260nm to 1800nm wavelength range, and can be operated from full vacuum to 1000 Torr.
- FCM (Multimode Gas Flow Cells) are optimized for fiber optic and FTIR spectroscopy, and feature an SMA905 connectorized fiber, a 10 cm path length, and >50% transmission from 150nm to 9µm.

Wavelength References Gas Flow Cells are ideal for gas sensing, chemical detection, and analytical spectroscopy applications.