See all 19 Products in Family

Gas Flow Cell FCS16, 1/4" Fit, SC/PC

#72-176

Stock **#72-182** **1 In Stock**

- 1 + **C$1,575.00**

ADD TO CART

Volume Pricing	
Qty 1-4	**C$1,575.00** each
Qty 5-9	**C$1,417.50** each
Need More?	**Request Quote**

Product Downloads

Path Length (cm):
16.7

Throughput (%):
>50%

Fiber Connector Type:
SC/PC

General

Type:
FCS

Model Number:
FCS-16-SS-1/4-SCPC

Optical Properties

Wavelength Range (nm):
1260 - 1800

Environmental & Durability Factors

Operating Temperature (°C):

0 to +70

Storage Temperature (°C):

-40 to +85

Regulatory Compliance

Certificate of Conformance:

View

Product Details

- Free Space and Fiber-Coupled Designs for UV through 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.

;