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Gas Flow Cell FCW10, 1/4" Fit, Free-Space

Stock **#72-194** **1 In Stock**

- 1 + **€795**.00

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Volume Pricing	
Qty 1-4	**€795,00** each
Qty 5-9	**€715,50** each
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Product Downloads

Path Length (cm):
10

Throughput (%):
>50%

Fiber Connector Type:
Free Space

General

Type:
FCW

Model Number:
FCW-10-SS-1/4

Optical Properties

Wavelength Range (nm):
150 - 9000

Environmental & Durability Factors

Operating Temperature (°C):

-40 to +200

Storage Temperature (°C):

-40 to +200

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.

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