

BAC160 Raman Liquid Flow Cell

Raman Accessory



The BAC160 is a liquid sampling flow cell designed for on-line Raman or fluorescence process monitoring of liquids. It provides a sampling platform with high throughput and stability for use with our laboratory probes (9.5mm). It is ideal for observing kinetic reaction studies or dissolution testing via Raman spectroscopy in real-time either on-line or in your laboratory.

The flow cell is designed to be liquid tight and inert. The BAC160 flow cell is constructed in 316 stainless steel or titanium with a Kalrez® O-ring and fused silica windows to create a chemically resistant seal. It offers an economical interface for use with a variety of chemical and biological processes, providing reliability and repeatability for on-line process monitoring. The flow cell is easy to install and take apart for occasional cleaning.



Flow Cell with B&W Tek Raman Probe

Features:

- High Throughput
- Easy Installation and Cleaning
- Excellent Chemical Resistance
- High Repeatability

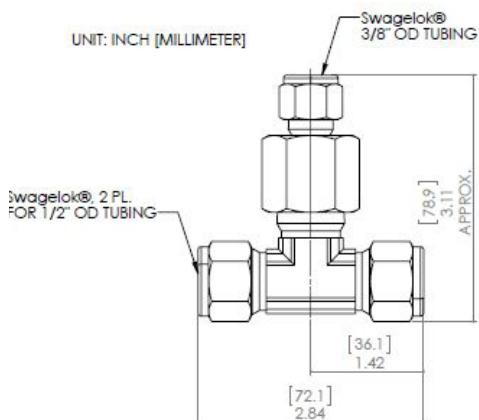
Applications:

- Liquid Process Sampling
- Raman or Fluorescence Measurements
- Lab and On-line Applications
- OEM Building Block
- On-line Optical Monitoring
- Reaction Kinetics

Specifications:

Body material	316 Stainless Steel or Titanium
Fitting	Compression tube fitting
Probe Port OD	3/8 in
Tubing OD	1/2 in
O-ring Material	Kalrez®
Window Material	Fused Silica
Working Distance	Fixed
Max. Temperature	150°C at up to 150 psi
Max. Pressure	150 psi at up to 150°C

Dimensions of BAC160-SS



Dimensions of BAC160-TI

