



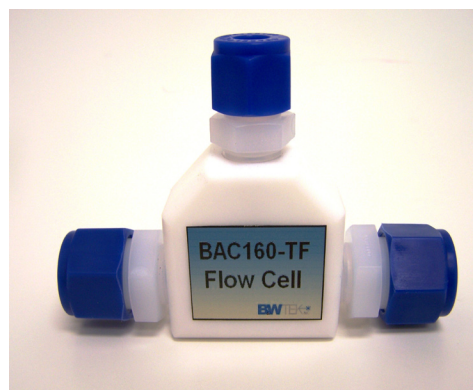
The BAC160 Series products are newly developed liquid sampling flow cells. The flow cell is designed for Raman or fluorescence measurements. It is very easy to install and take apart for occasional cleaning. It is designed with reliability and repeatability for on-line process monitoring. A 316 SS with Kalrez seals (or Teflon with Teflon O-ring seals) and Quartz windows reduce cost while allowing use with a wide variety of materials. Hastalloy C-22 and Sapphire windows along with various sealing materials are available on request.

Highlights

- *BAC160-SS: 316 Stainless steel material*
- *BAC160-TF: PFA (Teflon) material*
- *High throughput*
- *Easy installation and cleaning*
- *Excellent chemical resistance*
- *High Repeatability*

Applications

- *Liquid Sampling*
- *Raman or Fluorescence measurements*
- *Lab and on-line applications*
- *OEM building blocks*
- *On-line optical monitoring*



BAC160-TF

BAC160

Raman Liquid Flow Cell

Typical Specifications

Cell material	316L Stainless steel or PFA (Teflon)
Fitting	1/2" Swagelok
Tubing OD	1/2" - 2"
O-ring material	Kalrez or Teflon; other materials on request
Window material	Quartz, other materials on request
Working Distance	Fixed
Excitation wavelength range	300 nm - 2.5 μ m
Max. Temperature	150°C up to 150 PSI
Max. Pressure	150 PSI up to 150°C
Weight	0.5 Lb
Dimension	Please refer drawing



Flow Cell with B&W Tek Raman Probe

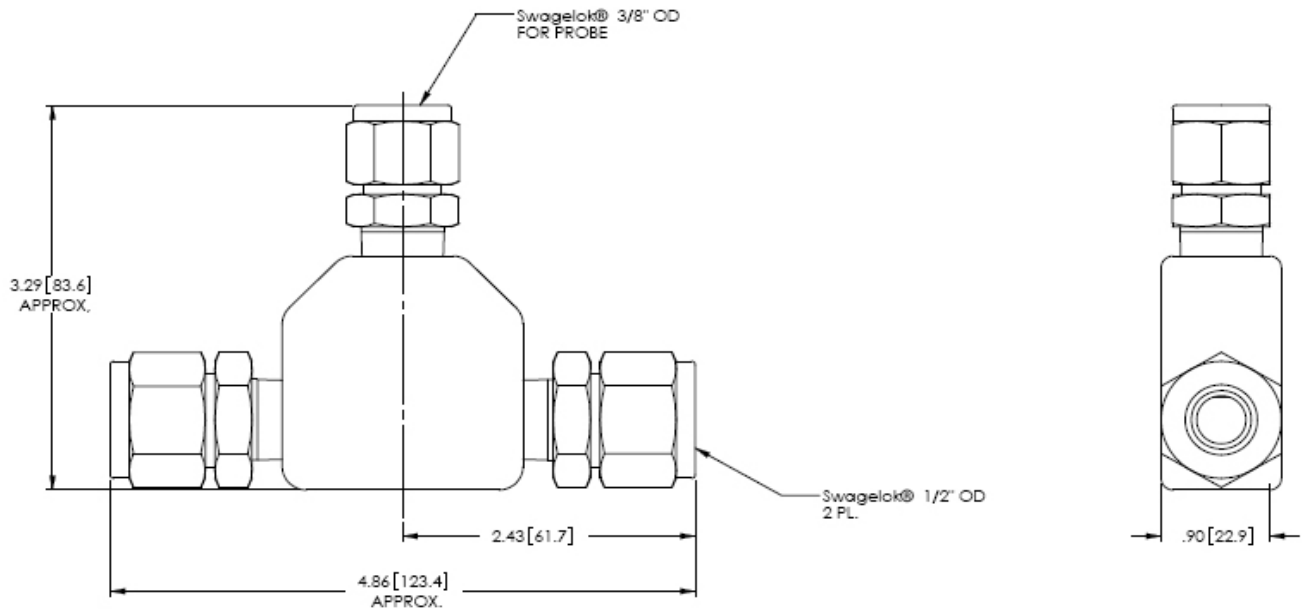
BAC160

Raman Liquid Flow Cell

Dimensional Drawings

BAC160-TF

UNIT: INCH [MILLIMETER]



BAC160-SS

UNIT: INCH [MILLIMETER]

