

BAC030-LP Cross-flow Liquid Flow Cell

BAC030-LP is a high throughput cross-flow flow cell. With the long path flow it can be used for liquid or gas measurements. Designed for NIR spectroscopy applications, with UV and Visible versions available upon request. This flow cell uses high quality optics for collimation and collection to optimize signal throughput. Easy to install and take apart for cleaning.



Highlights:

- High throughput
- Excellent chemical resistance
- Adjustable optical path length
- Wide wavelength coverage
- Useful for lab and process applications

Applications:

- Liquid sampling
- Gas Measurement
- Absorbance
- OEM building blocks
- On-line optical monitoring

Specifications:

Cell Material	316L Stainless steel
Fitting	1/2" Swagelok
Tubing OD	1/2" - 2"
O-ring Material*	Kalrez®, others on request
Window Material	Quartz, others on request
Optical Path Length	Adjustable, 0-20mm
Wavelength Range	VIS-NIR typical, UV and MIR available upon request
Transmission	60% typ. 70% max.
Operating Temperature	-20°C - 150°C
Max. Pressure	150 psi
Weight	0.5 lb
Dimensions	Call for Custom Configuration

*Kalrez® is a DuPont material and inert to most chemicals.

Dimensions:

