

# SELECTING THE SAMPLE INTERFACE

What Diameter is the Process Pipe?

LESS than 3 inches (7.5 cm)

## FLOW CELL

### Select Material

316L SS, 304L, Teflon, Other

### Wavelength Range (nanometer)

<1000 nm UV-VIS, >1000 nm NIR

### Select Pathlength (mn)

1, 2, 5, 10, 20, 50, 75, 100

### Select O-ring Kit

Viton, Kalrez, Other

1.5 to 6 inches (3.81 – 15.24 cm)

## SHUTTLE PROBE

2 probes required – flange, coupler

### Select Flange Design (inch)

Shuttle Probe is installed inline  
2" 150#, 3" 300#, 4" 300#, other

### Select \*Two Probe Lengths (inch)

8, 12, 18, 24, 30  
probes do not have to be same length

### Select Seal Between Flange and Probe

Teflon V-ring, Garlock

GREATER than 3 inches (7.5 cm)

## INSERTION PROBE

### Select Material

316L SS, 304L, Hastelloy, Other

### Select Internal Probe Seal

O-ring kit or Metal Braze

### Select Seal Type to Process Pipe

Swagelok, Flange, Extractor

### Wavelength Range (nanometer)

<1000 nm UV-VIS, >1000 nm NIR

### Select Pathlength (mn)

1, 2, 5, 10, 20, 50, Custom

### Select Probe Length (inch)

12, 18, 24, 30, 36

### Select Probe Diameter (inch)

0.75, 1

**Non-GUIDED WAVE Analyzer Brand?**  
**Probe or Flow Cell**  
**Additionally Select:**

**Select Connector Type**  
SMA, FC, Other

**Select Fiber Diameter (micron)**  
200, 300, 400, 500, 600

NOTE: Temperature, pressure and sealing are included in other documents