

# RamanProbe™ Specifications

Serial #: 077071 Model #: RPA 785/12-5

Date of Manufacture: 3-28-13

Excitation Wavelength: 785 nm

Probe Lens: 7.5 mm focal length

Max. Optics Temp.: ☒ High (200C) ☐ Low (80C)

Fibers: Excitation 100  $\mu$ m core with SMA connector

Collection 200  $\mu$ m core with SMA connector

## For Process RamanProbe only:

Sleeve material: ☐ 316 Stainless steel ☐ Other \_\_\_\_\_

Window type: ☐ Sapphire (flat) ☐ Sapphire (ball)

AR-coating: ☐ Yes (max T. 300C) ☐ No (max T. 500C)

Pressure rating: ☐ 3000 psi ☐ Other \_\_\_\_\_

Working distance: \_\_\_\_\_ mm

## For Reaction RamanProbe only:

Sleeve material: ☒ 316 Stainless steel ☐ Hastelloy C

Window: ☐ Quartz ☒ Sapphire (flat)

Gasket material: ☐ Gold ☐ Kalrez ☐ EPDM

Pressure rating: ☒ PTFE ☐ Other \_\_\_\_\_

Working distance: ~6 mm

Comments:

Not rated ☐ 1500 psi ☐ Other \_\_\_\_\_