



Raman Probe for 785nm Raman Spectroscopy Applications

- Spectral Range: 200-4000 cm^{-1}
- FC/PC Connector for Coupling to 785nm Laser Diode
- SMA905 Connector for Coupling to Spectrometer
- OD6 Filter
- Up to 8mm Working Distance
- Compact Design with High Coupling Efficiency

RAMAN-PROBE/785NM DATA SHEET

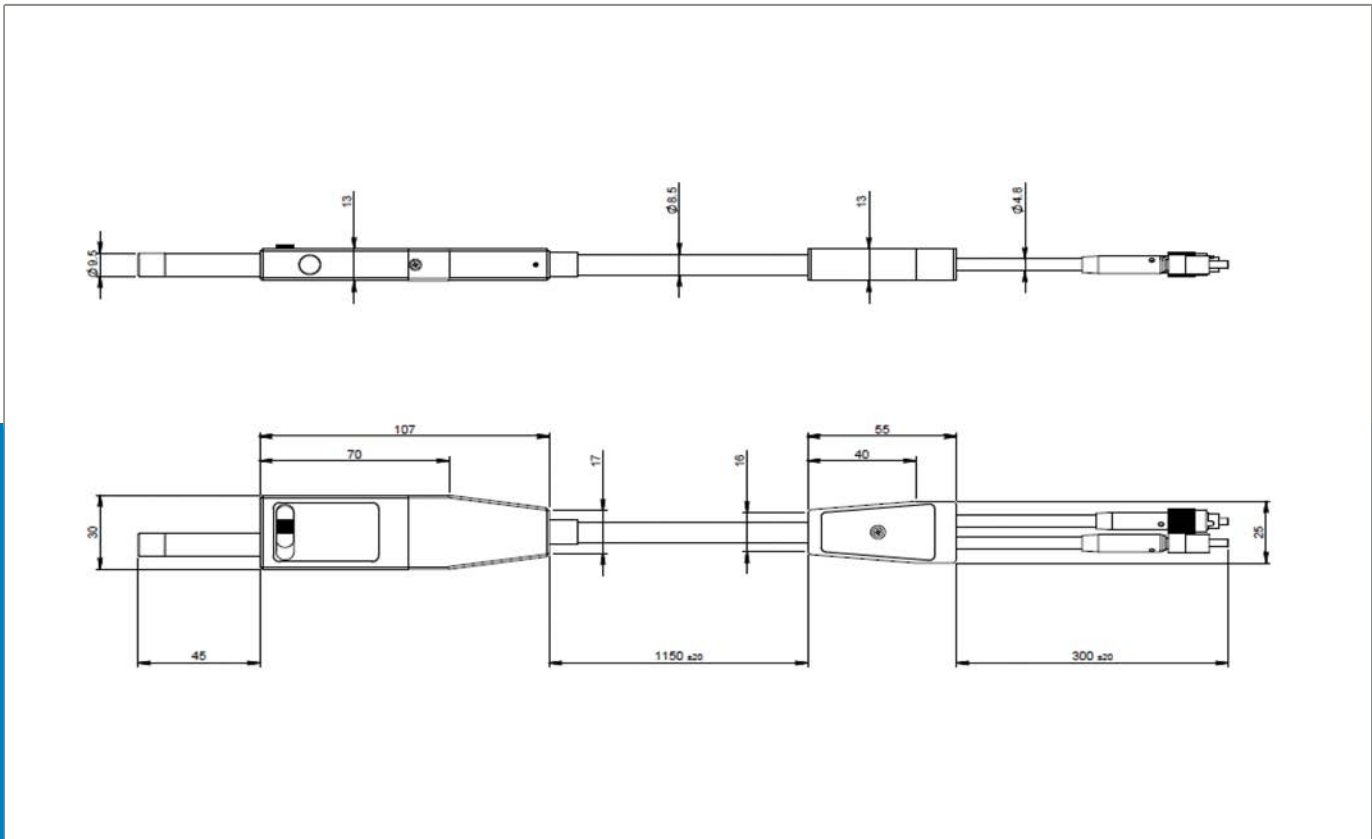
WORLD LEADING PRODUCTS
FOR LASER SCIENTISTS AND ENGINEERS



RAMAN-PROBE/785NM Product Overview:

These Raman probes offer the wide spectral range and high coupling efficiency needed for the most demanding research and development applications. They are used in many liquid and solid sample identification and analysis applications. These probes are designed for an excitation source at 785 nm. Other excitation wavelength models are available. A key feature is the integrated OD6 notch filter to eliminate unwanted noise from the pump laser source, allowing the user to obtain the optimum signal-to-noise ratio. This 785nm Raman probe is also available with an optional manual safety shutter. Please request compatible spectrometer options.

Dimensions (mm):





RAMAN-PROBE/785NM Specifications:

Excitation Source Compatibility:	785 nm
Excitation Fiber (to laser):	105 um Core, N.A.0.22, FC/PC (SMA905 on request)
Collection Fiber (to spectrometer):	200 um Core, N.A.0.22, SMA905
Fiber Length:	110 cm + 30 cm
Probe Size:	107 mm × 30 mm × 13 mm
Filter Efficiency:	OD6
Sample Working Distance:	< / = 8 mm
Operating Temperature Range:	0 - 60°C
Operating Humidity Range:	10% – 85%

Product Warranty:

This product is offered with a full one year warranty, all materials and labor included. The warranty does not include customer induced product damage.

Our Customer Commitment:



You Get Direct, Fast Tech-Support from a Product ENGINEER ... Not a Sales Person

You get DIRECT access to the correct factory engineer for your product. We eliminate the sales person "middle-man" back and forth time delays resolving technical issues. No more "Contact Us" forms. Every product has an assigned engineer in our auto-messaging data base to give you direct, immediate access to the correct tech-support info.



You Get an Extended Warranty

All products from Laser Lab Source come with a 12 month factory warranty. Additionally, we offer and extra 3 months of warranty on top of the standard warranty. *Warranty does not include customer induced product damage.*



You Get the Lowest Factory-Direct Prices Worldwide

All of our 3rd party global suppliers set & quote their own direct pricing. There are NO Mark-Up's. You get their lowest direct price.