

ATR20105 Raman Probe**ATR20105****FEATURES**

- Raman probe for 785, 1064, 532, 830, 473 nm exciting laser
- Stainless-steel focused probe
- Steel jacketed fiber
- High temperature reliability

GENERAL DESCRIPTION

ATR20105 Raman probe is specified for Raman spectrometer with 785 nm excited source. The probe can be used to test liquid, powder and block solid.

APPLICATIONS

- Raman spectrometer



Specifications

Optical Parameters	Specs	Comment
Working distance	6 mm \pm 0.5 mm	
Rayleigh scattering resistance	OD>8	
Raman signal fiber	200/220 um multimode fiber 0.22NA SMA905	Fiber coupled
Laser fiber	105/125 um multimode fiber 0.22NA FC/PC	Fiber coupled
Fiber length	2 m or user's customization	
Probe diameter	Φ 7 mm	

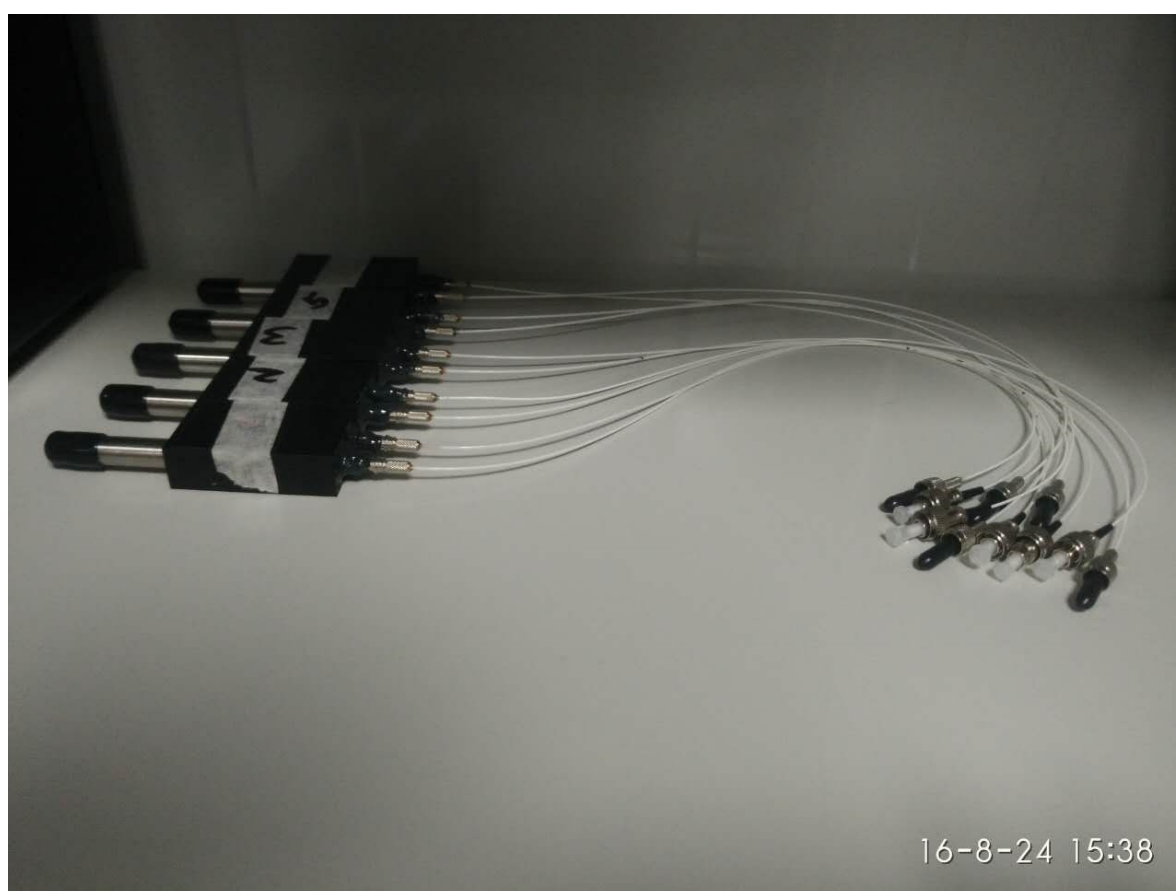


图 1 Raman Probe without the protect shell (Five probes in the picture), just for used inside the instruments because the fiber is brittle.

1 Dimensions (Unit: mm)

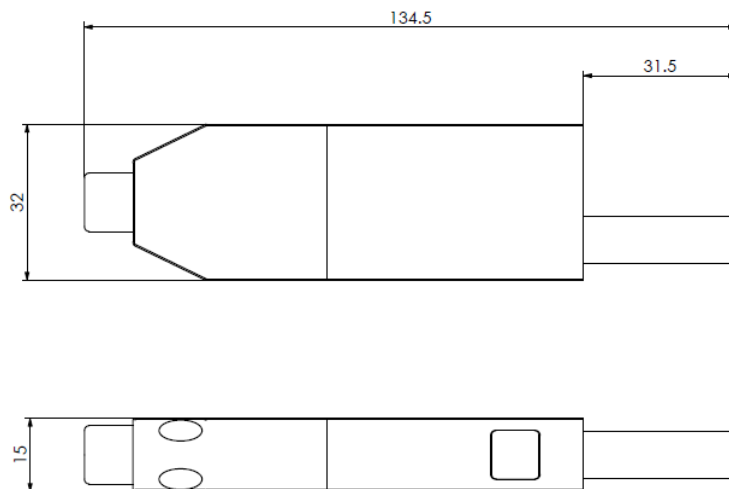
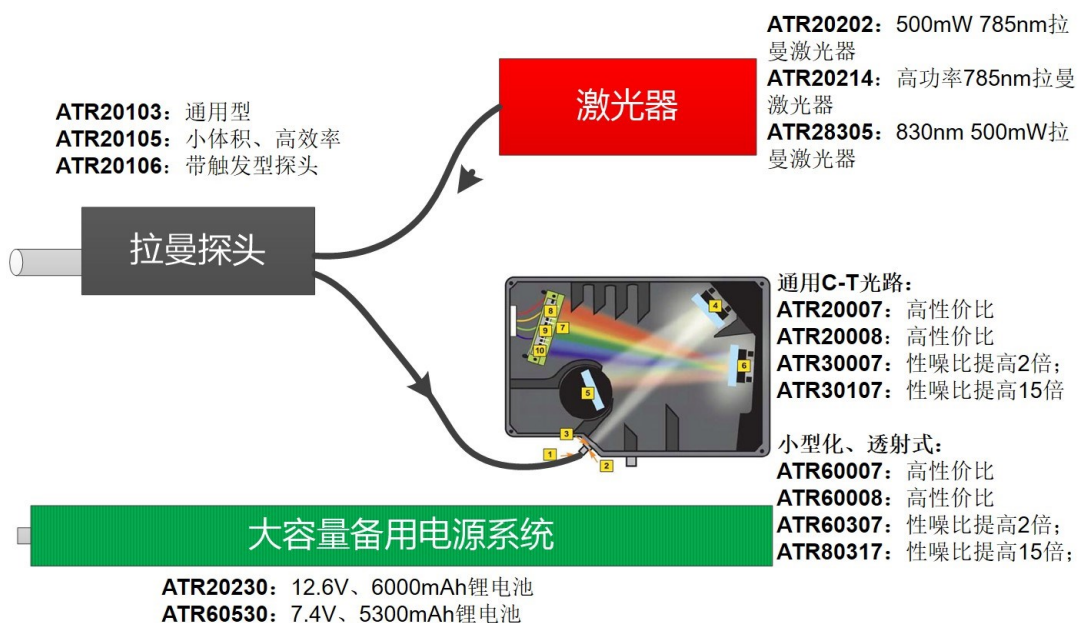


图 2 The size of with the protect shell. The 31.5mm stainless steel probe can be customized to any long (longer, shorter or 90° bend).

2 Application



3 Order Guide

Order No	Spectral region
ATR20105-785	For 785 nm Raman Spectrometer
ATR20105-1064	For 1064 nm Raman Spectrometer
ATR20105-532	For 532 nm Raman Spectrometer
ATR20105-830	For 830 nm Raman Spectrometer
ATR20105-473	For 473 nm Raman Spectrometer

4 Contract Information

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