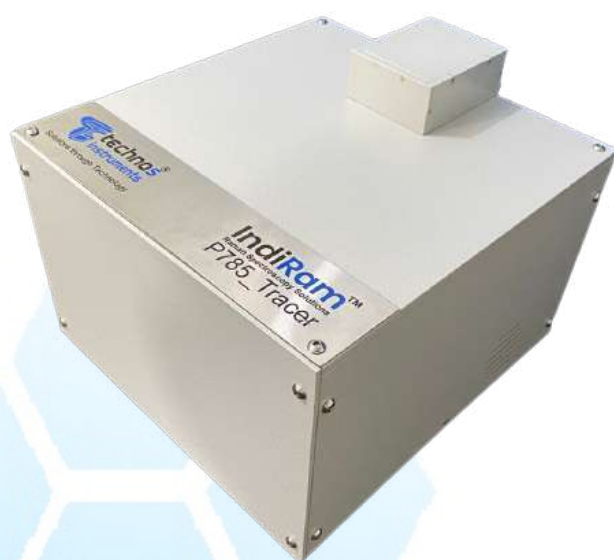




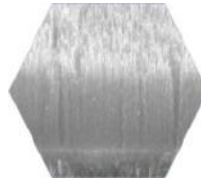
IndiRAMTM

Portable Raman Spectrometer



Applications

Materials



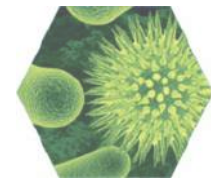
Food



Forensic



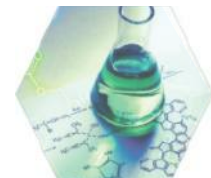
Life science



Plasma



Chemicals



Gem



Pharma



Features

High Raman Throughput

Dual Mode Signal Acquisition

Application Based Customization

Small Footprint & Robust Design

High Quality with Cost Efficiency

Spectra Library Management & Search

Add - ons : PL and OES

Specifications

Model	P532_Tracer	P633_Tracer	P785_Tracer	P1064_Tracer
Laser Excitation	532nm, 100mW	633nm, 100mW	785nm, 100mW	1064nm, 300mW
Spectral Resolution *	2.0 to 9.0 cm ⁻¹ /Pixel	2.0 to 9.0 cm ⁻¹ /Pixel	1.5 to 5.0 cm ⁻¹ /Pixel	10 to 15 cm ⁻¹ /Pixel
Spectral Range*	200 - 4000 cm ⁻¹	200 - 2700 cm ⁻¹	200 - 3200 cm ⁻¹	200 - 2500 cm ⁻¹
Detector Type	Linear Si CCD Array (Option TE Cooling)		InGaAs Linear CCD Array	
Software Features	TIRaman Data collection software Peak Finding Spectra Overlay Optional Functions Baseline Correction with Multiple Algorithms Cosmic Ray Removal Realtime reaction monitoring Digital Filtering using multiple algorithms Interactive Spectral database Management (IndiRamID™) User defined Library addition Library Search Library matching options with multiple Algorithms			
Libraries Options	Gemmology Material Science Polymers Pharmaceuticals and Drugs Forensic and Narcotics		Food Inspection Chemicals Hazardous Substances Custom Library	
Optional Accessories (Upgradation)	Upgrade option to Multiple Excitations Dual Mode Signal Acquisition Upgradable to Micro Raman option with Imaging capabilities Polarization Studies Low temperature and High Temperature studies Near Zero Raman Measurements option Custom holders for solid, liquid & powder sample Photoluminescence Spectroscopy Optical Emission Spectroscopy			
Connectivity	USB			
Power Requirements	220V AC (Option Li Batteries, 4 hr backup)			