



S.A.F.I.R. (an acronym for Scientific Accessories For Infra-Red) started activities in 1994 with a focus on FTIR Spectroscopy.

Our instruments have been used in many applications and fields including analytical chemistry, material research, medical research, food science, applied physics, environmental and academic research.

Browse through the portfolio and advise us on your requirements. We'll guide you to the optimal solution.

FTIR bench top spectrometer Interspec 200-X



Specifications:

Wavelength range, IR	7000 to 400 cm^{-1}
Wavelength range, NIR	14000-5800 cm^{-1} or 9000 -3850 cm^{-1}
Resolution, standard	1 cm^{-1}
Resolution, option	0.5 cm^{-1}
Beam at sample	10 mm dia.
Operating system	Windows based
Data acquisition system	24 bit, high speed
Interface	USB 2.0
Power	12 VDC (100-240 VAC), 25 W
Sample compartment	W20xD26xH16 cm
Dimensions	W59xD38xH19 cm
Weight	21 kg



Portable FTIR spectrometer Interspec 300-X



Specifications:

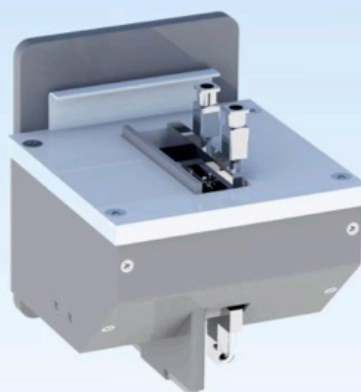
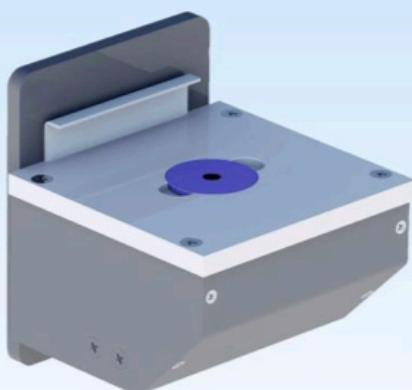
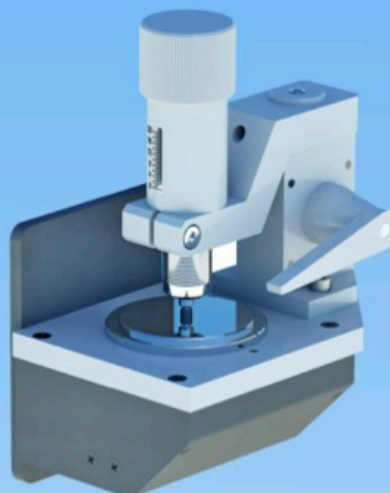
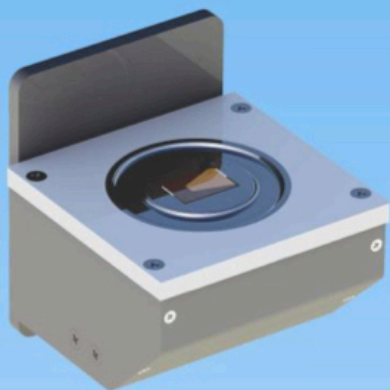
Wavelength range	7000 to 400 cm^{-1} (without ATR accessory)
Wavelength range	6000 to 600 cm^{-1} (with ZnSe ATR accessory)
Resolution, standard	1 cm^{-1}
Resolution, option	0.5 cm^{-1}
Sample compartment	Integrated
Accessories	ATR, reflection, transmission
Data acquisition system	24 bit, high speed
Operating system	Windows based
Interface	USB 2.0
Power	12 VDC, 30 W
Dimensions	W49xD39xH20 cm
Weight	18 kg

Compact FTIR spectrometer Interspec 311

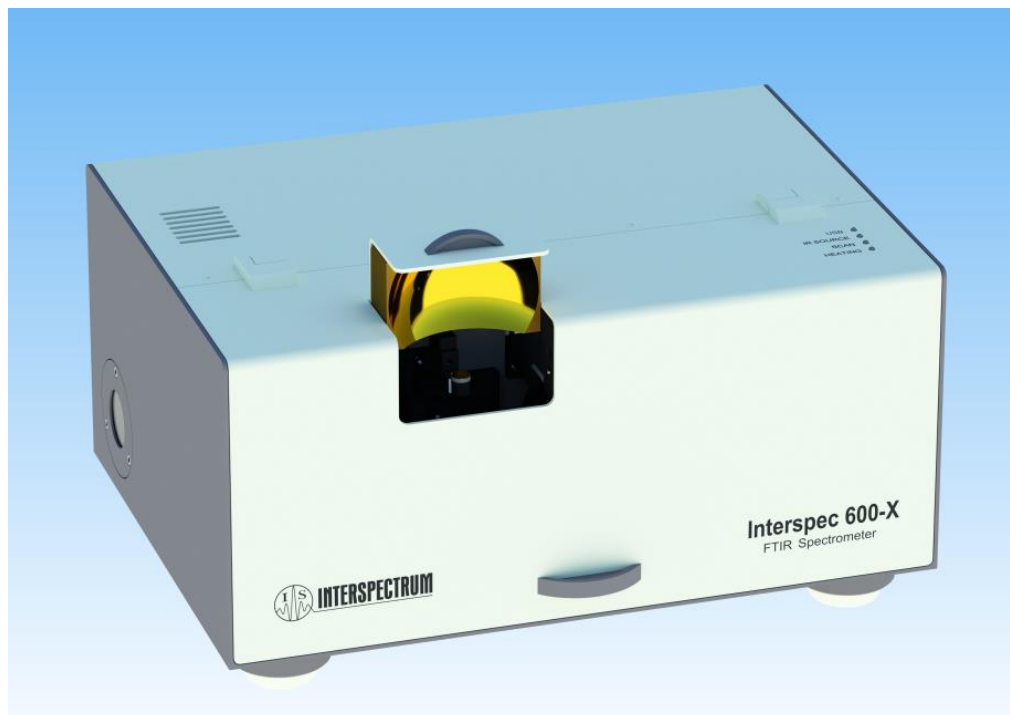


Specifications:

Wavelength range	7000 to 400 cm^{-1}
Wavelength range	6000 to 600 cm^{-1} (with ZnSe ATR accessory)
Resolution	2 cm^{-1}
Sample handling	1 bounce ATR, transmission, reflection
Beamsplitter	Multicoated KBr
Frequency reference	VCSEL laser
IR source	High intensity air cooled ceramic
Data acquisition system	24 bit, high speed
Software	Windows based
Interface	USB 2.0
Power	12 VDC, 25 W
Dimensions	W22xD21xH19 cm
Weight	10 kg



Diffuse Reflectance FTIR Spectrometer Interspec 600-X

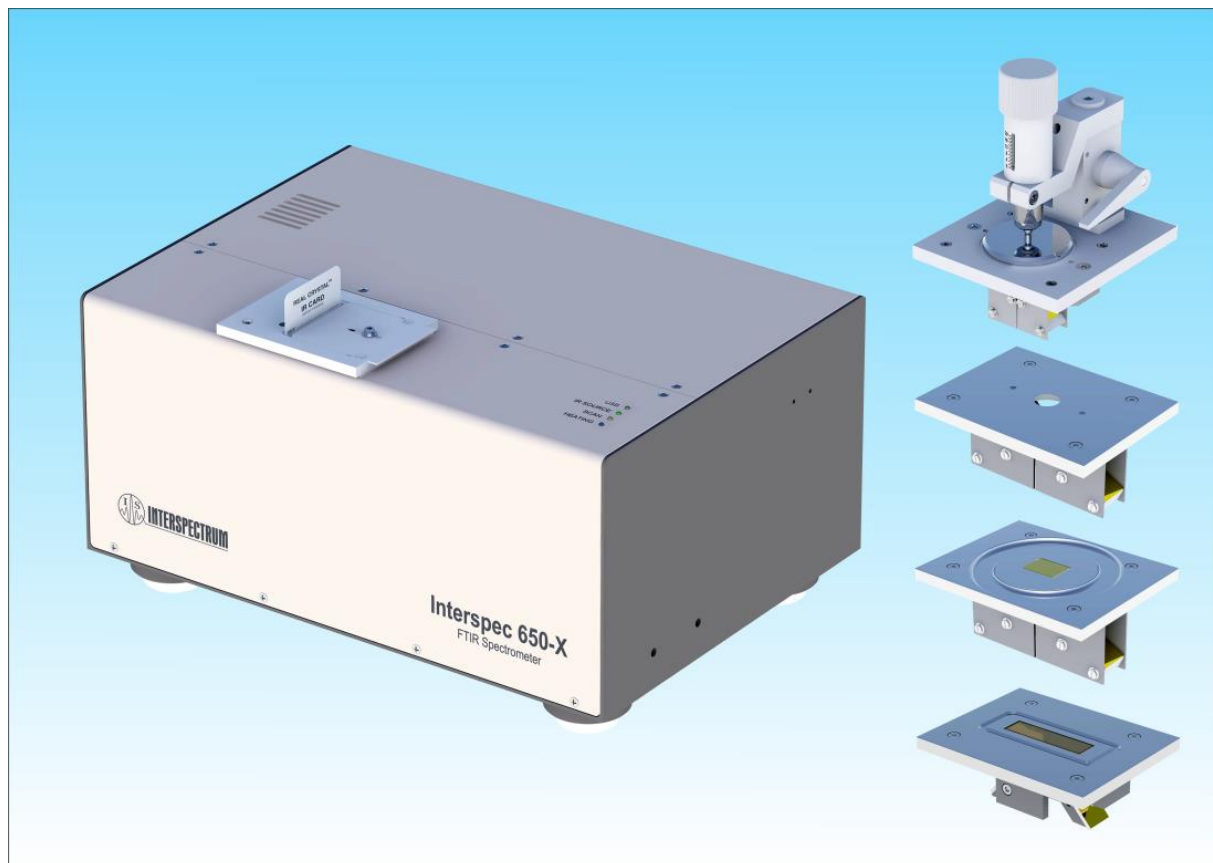


Interspec 600-X for diffuse reflectance measurements

Specifications:

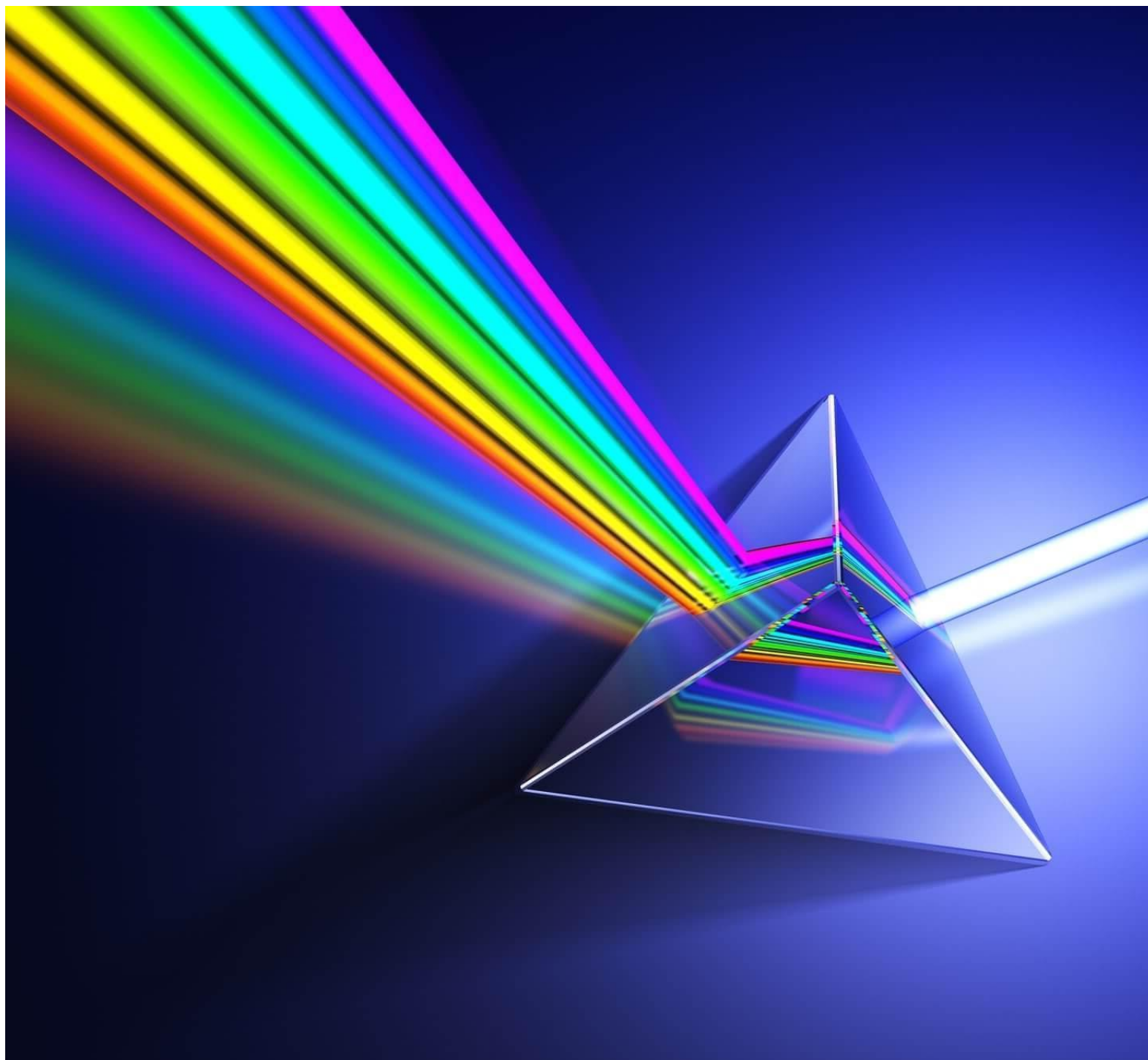
Wavelength range, IR	7000 to 400 cm^{-1}
Resolution	1 cm^{-1} (option 0.5 cm^{-1})
Sample handling	diffuse reflectance
Beamsplitter	Multicoated KBr (option ZnSe)
Frequency reference	VCSEL laser
IR source	High intensity air cooled ceramic
Data acquisition system	24 bit, high speed
Software	Windows based
Interface	USB 2.0
Power	12 VDC, 25 W
Dimensions	W35xD25xH18 cm
Weight	14 kg

Compact FTIR spectrometer Interspec 650-X



Specifications:

Wavelength range, IR	7000 to 400 cm^{-1}
Wavelength range, IR	6000 to 600 cm^{-1} (with ZnSe ATR accessory)
Wavelength range, NIR	14000 -5800 cm^{-1} or 9000-3850 cm^{-1}
Resolution	1 cm^{-1} (option 0.5 cm^{-1})
Sample handling	1 or 3 bounce ATR, transmission, reflection
Beamsplitter	Multicoated KBr (option ZnSe, fused silica)
Frequency reference	VCSEL laser
IR source	High intensity air cooled ceramic
Data acquisition system	24 bit, high speed
Software	Windows based
Interface	USB 2.0
Power	12 VDC, 25 W
Dimensions	W35xD25xH18 cm
Weight	14 kg



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