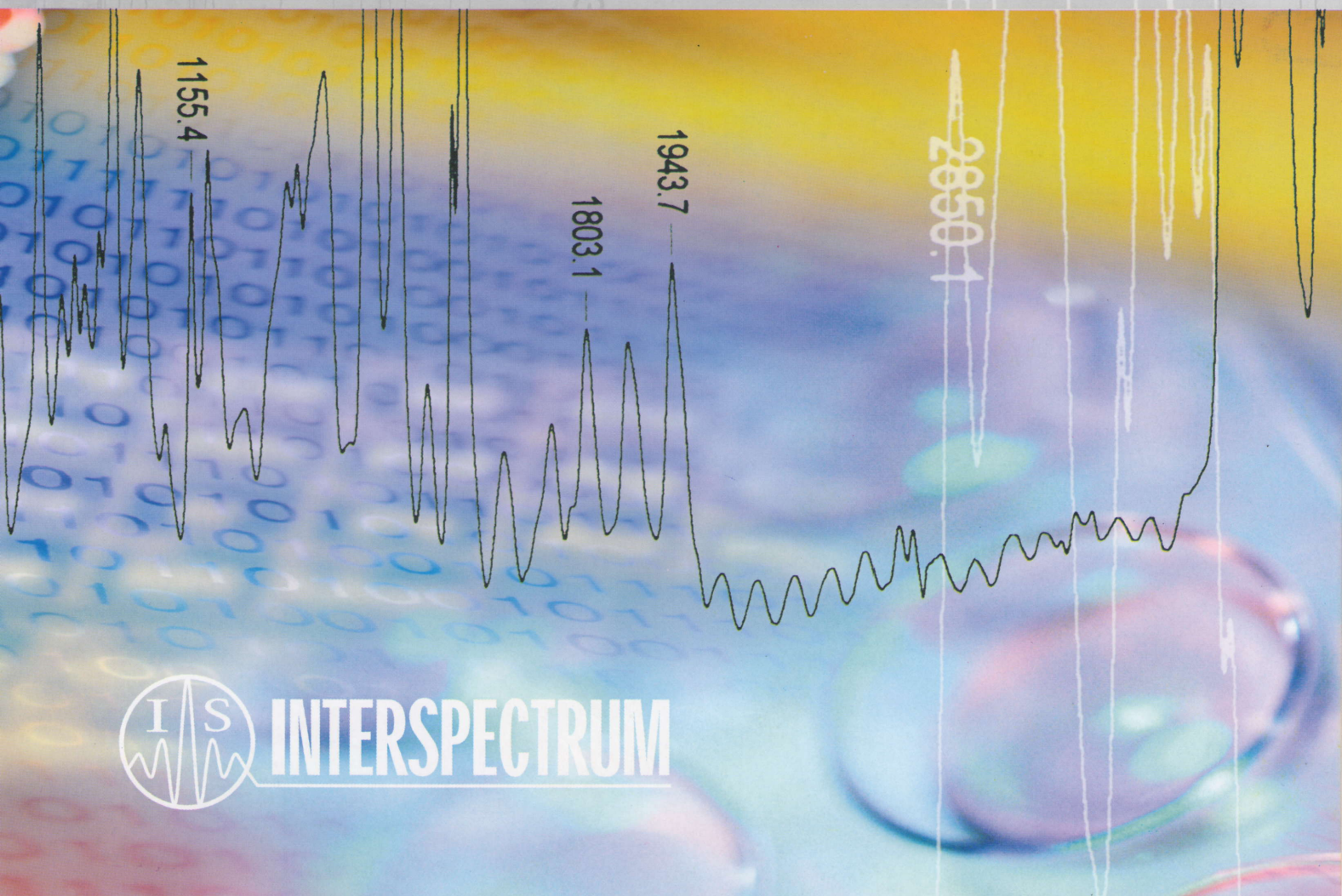


# Interspec Series

A New Range of Infrared  
Fourier Transform Spectrophotometers



Fourier transform Infrared Technology

# FTIR



Interspec 301-X



Interspec 300-X

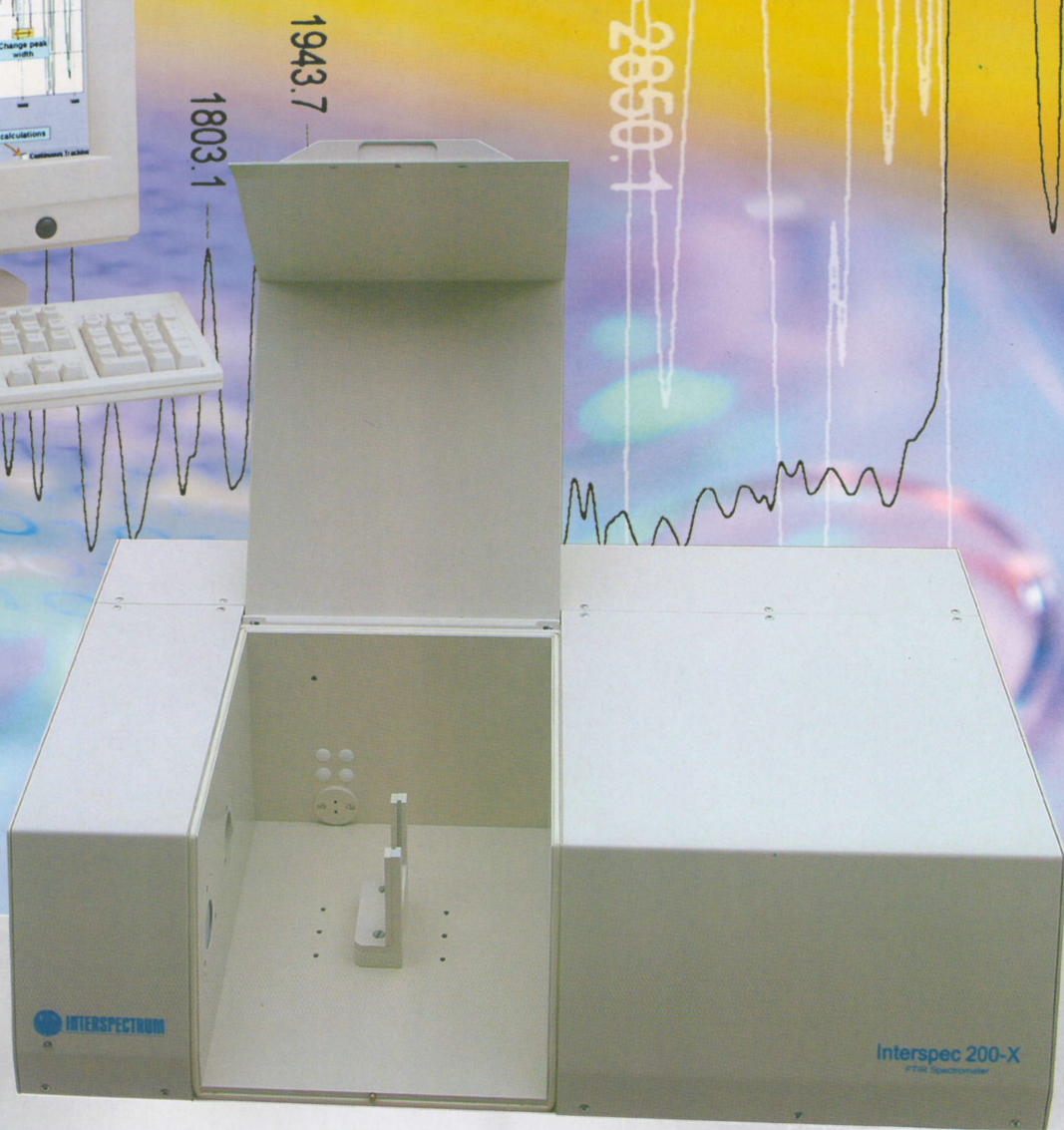


Interspec 400-X



Now this is how FTIR spectrophotometers should be...

# Reliable, Easy-to-Use and Inexpensive



Interspec 200-X





### Interspectrum OU

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E-mail: info@interspectrum.ee  
www.interspectrum.ee

## Specifications

### Interspec 200-X ( Bench Top )

Wavelength range	7000 to 400 $\text{cm}^{-1}$
Resolution, standard	2 $\text{cm}^{-1}$
Resolution, option	1.0 or 0.5 $\text{cm}^{-1}$
Interferometer	Self aligning
Beam diameter	30 mm
Aperture ratio	f 3.2
Beamsplitter	Multicoated KBr (standard)
Frequency reference	HeNe laser
Emission port	Option
Sample compartment	W20xD26xH16 cm
Beam at sample	10 mm dia.
IR source	High intensity air cooled
Purge possibility	Yes
Accessories	Ordinary FTIR accessories
Operating system	Windows 98/XP
Power	90-230 VAC, 12 VDC
Dimensions	W59xD39xH19 cm
Weight	21 kg
Temp. environment	15 - 28 °C
Humidity environment	Best below 65%

### Interspec 300-X ( Portable, integrated accessories )

Wavelength range	7000 to 400 $\text{cm}^{-1}$
Resolution, standard	2 $\text{cm}^{-1}$
Resolution, option	1.0 or 0.5 $\text{cm}^{-1}$
Interferometer	Self aligning
Beamsplitter	Multicoated KBr (standard)
Frequency reference	HeNe laser
Sample compartment	Integrated
Beam at sample	6 mm dia.
IR source	High intensity air cooled
Accessories	Special for ATR, reflection and transmission
Operating system	Windows 98/XP
Power	90-230 VAC, 12 VDC
Dimensions	W49xD39xH20 cm
Weight	18 kg
Temp. environment	15 - 28 °C
Humidity environment	Best below 65%

### Interspec 301-X ( Portable, open beam )

Wavelength range	7000 to 400 $\text{cm}^{-1}$
Resolution, standard	2 $\text{cm}^{-1}$
Resolution, option	1.0 or 0.5 $\text{cm}^{-1}$
Interferometer	Self aligning
Beamsplitter	Multicoated KBr (standard)
Frequency reference	HeNe laser
Sample compartment	Open beam
Beam at sample	6 mm dia.
Accessories	Ordinary FTIR accessories
IR source	High intensity air cooled
Operating system	Windows 98/XP
Power	90-230 VAC, 12 VDC
Dimensions	W49xD39xH20 cm
Weight	18 kg
Temp. environment	15 - 28 °C
Humidity environment	Best below 65%

### Interspec 400-X ( Module )

Wavelength range	7000 to 400 $\text{cm}^{-1}$
Resolution, standard	2 $\text{cm}^{-1}$
Resolution, option	1.0 or 0.5 $\text{cm}^{-1}$
Interferometer	Self aligning
Beamsplitter	Multicoated KBr (standard)
Frequency reference	HeNe laser
Exit beam	40 mm dia.
Optical axis	85 mm above the bottom
IR source	High intensity air cooled
Operating system	Windows 98/XP
Power	12 VDC
Dimensions	W33xD27xH16 cm
Weight	12 kg
Temp. environment	15 - 28 °C
Humidity environment	Best below 65%

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