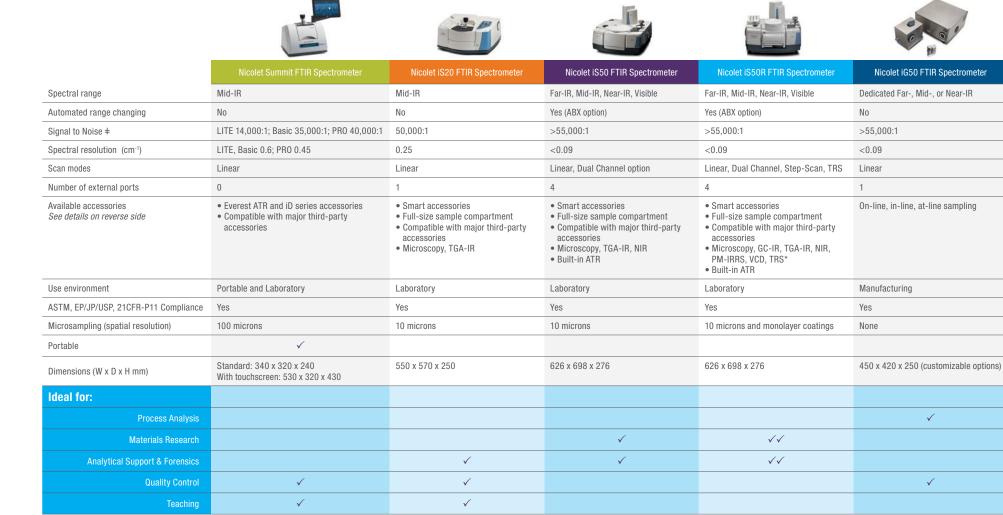
# thermo scientific

# Nicolet FTIR Spectrometer Selection Guide

Choose the right Thermo Scientific<sup>™</sup> Nicolet<sup>™</sup> FTIR Spectrometer that fits your workload, user skill level and chemical identification needs. Whether you run a Quality Control lab, a cutting-edge Research lab or a supporting Analytical Services lab, trust the leader in infrared spectroscopy to give you reliable data. With our rapid-response support teams, we help keep your labs running anywhere in the world.

#### Use Fourier transform infrared (FTIR) spectroscopy to:

- Identify unknown materials (e.g., Forensics, Art restoration, Counterfeit testing)
- · Conduct contaminant analysis (e.g., Analytical Services, Gemology)
- Reverse engineer new products (e.g., Materials Science research)
- Verify chemical structure and mixture compositions (e.g., Quality Assurance)







### Nicolet FTIR Spectrometer Selection Guide

Add an accessory to your Nicolet FTIR spectrometer and expand your capabilities as well as your sample knowledge.



\*  $\label{eq:pm-IRRAS} \texttt{PM-IRRAS} = \texttt{Polarization} \ \texttt{modulation-infrared} \ \texttt{reflection-adsorption} \ \texttt{spectroscopy}$ 

+ SNR in one minute, 4 cm<sup>-1</sup> resolution, Black-Harris Apodization

VCD = Vibrational circular dichroism TRS = Time-resolved spectroscopy



Nicolet iS50 built-in ATR with one touch control



Nicolet iS50 Raman module



Nicolet iS50 with TGA module



Nicolet iS50 with NIR module



Nicolet iS50 connected to Thermo Scientific<sup>™</sup> TRACE<sup>™</sup> 1300 Gas Chromatograph

# Discover. Solve. Assure.

# Go to **www.thermofisher.com/FTIRexpert** to request expert advice, a quote or a demonstration.

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