

***Introducing the Actus Analytical 4500a FTIR:
Keeps your process on-track and good product moving to
market without interruption***

<u>System Specifications</u>	<u>Product Highlights</u>	<u>Actus Analytical Support</u>
Size: 22 x 29 x 19 cm (8.5 x 11.5 x 7.5 in)	Small and lightweight	Method development (OP in polymer)
Weight: 6.8 kg (15 lb)	Highly accurate mid-IR analysis	US Government research partner
Operating ranges: 0 to 50 °C	No sample preparation	Stability testing (pre-ship and ongoing)
Power: 100/120/240 VAC, 50/60 Hz	Designed for field use	Standards development
Battery: All day (>10 hour)	Internal, all day battery	Continuous library building
Spectral range: 4000–650 cm ⁻¹	General and specific methods	Reachback library support
Resolution: 4–32 cm ⁻¹	USB connection to any computer	SOP development
LOD (OP in polymer): <300 ppm	Integrated sampling interface (ATR)	Ongoing SOP support
LOQ (OP in polymer): <1,000 ppm	Water/dust-resistant	Applications support
Control S/W: Agilent Micro Lab	Picture driven GUI - 3 screens to answer	Technical support
Warmup time: 10 min	Standards for proof of performance	200 years combined experience
Response time: 1 min	Sample press with consistent pressure	Expertise in regulations/compliance
Total test time: 1 min	Fast answer: 1 minute	Phone/online tech support
Sample press: 12 PSI	Robust Diamond-Hastelloy interface	Correlation with lab tests



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