

Introduction to FTIR Spectroscopy Workshop

Wednesday 30th September 2026

Anton Paar UK, 950 Capability Green, Luton, LU1 3LU

Join us for a FREE expert-led workshop on FTIR spectroscopy, designed for anyone looking to build their knowledge of this versatile analytical technique. Whether you're new to FTIR or want to refresh your skills, this interactive workshop combines theory with practical demonstrations to show how FTIR can solve real-world challenges in quality control, product development, and research.

Key takeaways:

- What is FTIR spectroscopy, and how does it work?
- Understanding FTIR instrumentation and sampling techniques.
- Best practices for obtaining accurate, reliable results.
- Hands-on analysis of a range of solid and liquid samples.
- Applying FTIR spectroscopy to quality assurance and research.

We're also delighted to welcome Specac, a leading manufacturer of FTIR spectroscopy accessories, who will deliver guest presentations and live demonstrations of a variety of sampling methods.

Hands-on demonstrations include:

- Attenuated Total Reflection (ATR) FTIR Spectroscopy.
- Transmission FTIR Spectroscopy.
- Measurement of solid and liquid samples.
- Quantitative analysis of materials in solution.

Enhance your understanding of molecular spectroscopy, gain practical experience, and discover how FTIR can support your analytical workflows.

Book Your Place

Spaces are limited to ensure an optimal delegate-to-tutor ratio for hands-on learning. To reserve your place please scan the QR code. Alternatively, please email info.gb@anton-paar.com.



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Timetable

09.30	Welcome, Registration & Coffee
09.45	Basics of FTIR Spectroscopy
10.30	Specac Introduction
11.15	Laboratory Tour
11.45	Coffee Break
12.00	FTIR Spectroscopy for Quality Control
12.45	Lunch & Networking
13.30	The Grey Area Between Routine and Specialised ATR
13.45	FTIR Spectroscopy for Quantitative Analysis
14.00	Lab Sessions: Golden Gate vs Quest & Quantification – Pearl
15.00	Break
15.15	Predictive Monitoring Through Oil Analysis: the blood test of machinery
16.00	Q & A - finishing up
16.30	End of workshop - thanks for joining!