

# Anton Paar in Beverages Workshop

Wednesday 8th July

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

Anton Paar Ltd is delighted to invite you to join us for this comprehensive workshop on beverage testing solutions. Tailored for those working in soft drink or alcoholic beverage production environments, this workshop will equip you with essential knowledge and practical insights into when and how to test your products for optimal beverage quality.

This workshop will provide an in-depth look at the measuring techniques and analytical tools used in beverage testing applications, with a particular emphasis on extract/sugar measurement, alcohol determination, and dissolved gas concentration.

The hands-on sessions will demonstrate a variety of different instrument combinations applied to a wide range of beverage samples.

## Key takeaways:

- Greater understanding of the theory behind measuring techniques in the beverage industry
- Different methods for ABV determination and how to choose between them
- Advantages of measuring directly from the package vs traditional methods
- Hands-on demonstrations with Anton Paar instruments
- Case studies showcasing applications across various beverage industries

## Topics Covered:

- Density Measurement - for gravity measurement, fermentation control, %ABV and more
- Sound velocity - its role in determining fresh Brix and degree of sugar inversion
- NIR alcohol determination: direct measurement of %ABV including No/Low samples
- Combined techniques: using polarimetry or refractometry as a secondary measurement
- Dissolved CO<sub>2</sub> and O<sub>2</sub> concentration - the impact on quality, product safety, and what TPO measurements can tell us
- Best practice tips - how to care for and get the best out of analysis systems

## Timetable



09.30	Registration, Welcome & Coffee
09.45	Measurement Theory: Density, Alcohol, Colour, Haze
10.30	Overview of Anton Paar Solutions: Soft Drinks with Sugar, Diet Soft Drinks, Beer/Wine/Spirits/Seltzers
11.00	Coffee Break
11.15	Non-Standard or Tricky Samples: High Sugar Liqueurs, Cream Liqueurs, RTD Cocktails, No/Low Beverages
12.00	Laboratory Practical Session
13.00	Lunch & Networking
13.45	Theory Gas Measurement
14.15	Best Practice Tips: Sample Preparation, Checks and Adjustments Care and Cleaning Regimes
15.00	Laboratory Practical Session
16.00	Q&A Wrap-Up Session
16.30	Workshop Finished, Thank You for Attending!

# Meet the Team



## Steve Vincent

Steve Vincent is Head of the UK Technical Department, providing application support, sample testing, training and method development across all Anton Paar product lines. A chemist by training, he has over 30 years' experience with leading analytical instrument and software companies, developing a strong understanding of analytical chemistry techniques and the challenges faced in QC and R&D laboratories. His expertise includes density measurement, refractometry, electrochemistry and molecular spectroscopy. He is also Anton Paar UK's in-house expert for the pharmaceutical industry and the data integrity solutions used to meet regulatory requirements.



## Joseph Smith

Joseph Smith is the UK Sales Manager for Measurement Products at Anton Paar, bringing over a decade of hands-on experience in the scientific industry. Holding a Bachelor's degree in Forensic Chemistry, he possesses deep technical expertise across organic and inorganic chemistry applications. Joe leads a specialist team driving precision solutions in core analytical techniques, including liquid density, viscosity, refractometry and gas analysis. Prior to Anton Paar, Joe spent five years managing biotech, chromatography, and mass spectrometry portfolios for advanced research organisations and universities. He specialises in helping laboratories optimise data precision, streamline workflows and maintain strict compliance standards.



## 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 below or click here to register. Alternatively, please email [info.gb@anton-paar.com](mailto:info.gb@anton-paar.com).



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