Craft Brewery Essentials



Raw Materials and Water Testing



Enzymatic Test Kits

Monitor key compounds such as sugars, organic acids and ethanol with our range of enzymatic and colorimetric test kits. Our highly specific test kits have been validated and approved by various international organisations, including EBC, supporting reliable testing in line with international standards.

pH Meters

Our range of pH meters features integrated stirrers to improve measurement accuracy. With fast response times and a robust design, these instruments are ideally suited to demanding production environments.





Sampling Systems

Sampling Systems offers a robust range of specialised sampling tools for fast, hygienic and efficient routine quality-control sampling. From targeted tank sampling with stainless-steel bottle samplers to the convenience of single-use Steriware LiquiThief samplers, our solutions are ideal for routine quality testing throughout the brewing and fermentation processes.

Spectrophotometers

Our range of UV/VIS spectrophotometers covers a wavelength range of 190 - 1100 nm and includes scanning capabilities for kinetics measurements, making these instruments ideal for beer quality control.





Water Analysis

Flavour, yeast health and mash efficiency are impacted by water quality, making water analysis an essential step in beer production.

Our range of advanced photometers includes pre-programmed methods for key analytes such as hardness, alkalinity, chlorine and iron, allowing these parameters to be monitored easily and accurately.

Milling, Mashing and Wort Production



Bottle-Top Dispensers

Precise and convenient dispensing of reagents, buffers, acids and other laboratory solutions, ideal for routine brewery quality control and sample preparation.



Grinding Mills

Our range provides controlled particle-size reduction of malt, grains and other ingredients, supporting efficient extraction and consistent product quality.



Hotplate Stirrers

Ideal for gently heating and mixing small batches, dissolving ingredients, preparing additives and conducting formulation or quality-control tests.



Overhead Stirrers and Dispersers

Provides efficient mixing and homogenisation of ingredients, helping to develop consistent formulations, dissolve additives and prepare samples for testing.



Precision Pipetting

Achieve accurate and repeatable liquid handling for brewery quality control, microbiology and sample preparation with our Pipetman L pipettes and filter tips.



Rotary Evaporators

Useful for research and product development, these systems allow gentle concentration of samples, solvent recovery, and the development or analysis of flavours and aromas under controlled conditions.

Vacuum Pumps for Filtration

Enable faster and more efficient clarification and filtration of beer samples, yeast cultures and process liquids.



Fermentation and Maturation

Hydrometer

High-precision beer hydrometers support craft beer analysis across a range of measurements, including Brix/Baumé, potential alcohol and specific gravity.





Refractometer

Handheld refractometers enable fast, accurate analysis for routine brewery quality control. Analogue and digital versions are available to suit different testing requirements.

Thermometer

Water-resistant thermometers provide safe, easy-to-use temperature monitoring throughout the brewing process.



Quality Control and Assessment

Bactiscan™

Our range provides a simple, user-friendly system for bacteria and biofilm detection, helping to validate and optimise CIP processes. With still photography and video capture, Bactiscan™ also enables clear visual documentation for auditing and reporting.





Cellulose Nitrate Membrane Filters

Designed for laboratory and quality-control applications, these membrane filters provide reliable filtration for microbiological testing.

- 0.45 µm pore size for fine particulate retention
- 47 mm diameter for compatibility with standard filtration setups
- White, gridded membrane for easy colony identification and counting
- Sterile, 100-pack for convenient microbiological testing

Colorimeters

A key factor in quality control and to guarantee colour consistency, colour measurements according to the EBC colour scale which ensures that the beers conform to international standards. Our range of either visual or automatic colorimeters for EBC colour testing offers a solution for all brewers.





Filter Paper

High-performance filter papers from Ahlstrom support consistent filtration and reliable results in brewery quality-control applications.

- Wort colour testing
- Malt analysis
- Malt filtration

Designed to meet MEBAK, ASBC and EBC requirements, supporting consistency and accuracy throughout the brewing process.

Sieves and Sieve Shakers

Laboratory test sieves and sieve shakers support a range of brewery quality-control applications, from routine manual sieving to automated particle-size analysis of brewing ingredients such as malt and hops. Sieve analysis helps monitor raw material quality, support efficient brewing processes and maintain batch-to-batch consistency.



Media

Support microbiological testing and brewery quality control with solutions for microbial detection, filtration and sample preparation.

Culture Media

A broad selection of culture media products is available in a variety of formats for microbiological testing across the food industry.

- More than 300 dehydrated media, diluents, broths and supplements available
- Selection of media covering organisms relevant to the food industry
- Available in pack sizes of 500 g, 5 kg, 10 kg and 25 kg
- Supports compliance with global reference methods and standards across multiple industries





NBB® Nutrient Media for Beer-Spoiling Bacteria

The NBB® portfolio comprises solid and liquid media for detecting beer-spoiling bacteria throughout the brewing process. Specific growth promoters enable the detection of even slow-growing bacteria, while a balanced system of inhibitors suppresses the dominant yeast culture.

- Ready-to-use nutrient media
- Rapid growth through specialised growth promoters
- pH colour indicators for clear visual detection
- Formats suitable for a range of sample matrices

Petrifilm™

Designed for high-volume testing, Petrifilm™ provides a fast and efficient alternative to traditional testing methods, helping to reduce laboratory turnaround times.

- Used to enumerate and detect organisms relevant to the food industry
- Ready-to-use format reduces or eliminates time-consuming agar preparation
- Proven testing methods support consistent, reliable results
- Compact format requires less storage and incubator space



Swabs

Maintain hygiene standards and protect product quality with reliable solutions for environmental and surface testing.



ATP Testing - Luminometer

The 3M™ ATP testing solution provides reliable, real-time results to help verify cleaning effectiveness and support hygienic conditions.

- Ergonomic design allows for simple, one-handed operation
- Rapidly verify cleaning effectiveness on surfaces
- Enables immediate corrective action when required
- Intuitive software helps track cleaning performance over time

Scrub Samplers

Environmental scrub samplers with 10 ml Wide Spectrum Neutraliser provide an effective solution for collecting environmental samples for microbiological applications. They neutralise commonly used sanitisers and allow for sample hold times of up to 96 hours. The ergonomic, metal-detectable stick features convenient one-step detachment for ease of use.

- Multi-layered non-woven composite material designed for superior pick-up, release and absorption
- Scrub Dot technology helps disrupt biofilm and enhance sample collection
- Effectively neutralises high-acid cleaners, hydrogen peroxide and peroxyacetic acid-based sanitisers





Sponge Swabs

The 3M™ Sponge-Stick combines a biocide-free cellulose sponge with a handle to minimise sample contamination and protect test integrity. Samples can be homogenised directly inside the durable triple-laminate bag, helping to save time and reduce costs.

- Biocide-free cellulose sponge helps maintain organism viability
- Reduces the risk of sample contamination by eliminating direct handling of the sponge
- Long, blue-coloured handle provides greater visibility and reach in the production area
- Available with 10 ml Neutralising Buffer, Buffered Peptone Water or Letheen Broth, or as a dry swab for different testing procedures

Surface Protein Test

Our range of protein swabs provides a simple and reliable method for detecting protein residues after cleaning. Results are available within minutes, allowing rapid corrective action when required

- Detects as little as 50 µg of protein on surfaces
- Results within 10 minutes
- Visual colour change indicates detectable levels of protein
- No instrumentation required



Syringe Filters

Prepare brewing samples for analytical testing with Lasec® Syringe Filters. Ideal for pre-filtration of wort, beer and other brewing samples before analysis, including HPLC. Available in a range of membrane materials, including cellulose acetate, nylon, PVDF and PES.



Turbidity Meters

A versatile tool for product clarity, flavour stability and shelf-life testing. Our range of infrared turbidity meters provides fast, accurate results with a measurement range of up to 4,000 NTU.



Contact your **Lasec® Sales Representative** today.
Ts & Cs apply

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