



The **new** portable Ampha X10 for Real-Time Cell Analysis in Yeast Fermentation

- Gain new insights from your fermentation and simultaneously measure cell count and viability on-site within 1 minute.



The Ampha X10 is a portable impedance-based flow cytometer for rapid, label-free yeast analysis. It determines *Saccharomyces* concentration in your sample, viability and exponential growth simultaneously within one minute.

- **Built for fermentation operations.**

The system is specifically designed for breweries and can be utilized to monitor the fermentation process, control batch-to-batch consistency, support data-based pitching decisions as well as harvest-yeast reuse.

- **Do not leave your pitching to guesswork.**

With the integrated pitching calculator you can determine the exact quantity of yeast to add based on dilution factor, batch volume, original gravity (°P), target pitching rate (M/ml/°P), and viable yeast in your sample. No separate viability adjustment needed.

- **A new approach to process control in brewing: efficient and flexible.**

Portable

lightweight and battery-powered;
enables decentralized
quality control without a lab

Easy and Fast

results within 1 minute;
intuitive touchscreen
with guided wizards

Automated Analysis

measure yeast concentration,
viability and exponential growth;
calculate yeast quantity for pitching;

- **Please contact us directly for further information! ◀**

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