



NEW!

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Labortechnik

– Ampha X30 –

Impedance-based Flow Cytometer for Real-Time Cell Analysis in Bioprocessing

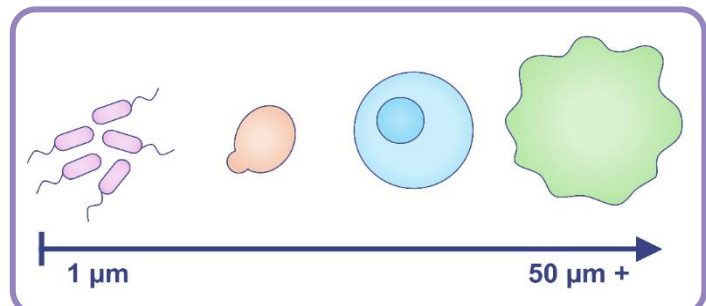


Gain new insights from your cell culture and simultaneously measuring cell count, viability and metabolic activity.

Based on electrical impedance, the Ampha X30 is more than a simple cell counter thanks to its sophisticated system and by utilizing a reusable chip. The device can simultaneously measure changes in cell size and membrane integrity, and thereby enables insights to cell viability, cell activity and metabolic status.

Analyse a wide range of cell types within minutes using the same system, whether you are working with bacteria, algae, yeast or mammalian cells.

Depending on cell size, a different chip type is used for measurement. Exchanging the chip is very simple and user friendly. The Ampha X30 does not need any markers, labels, incubation time or calibration so sample preparation is as easy and fast as it gets.



A new approach bioprocess control and development: efficient and flexible.

Label-Free Analysis

No staining, no markers,
no incubation time
nor calibration needed.

Difficult Media

Unaffected by turbidity, opacity, or
autofluorescence. Detection of
somatic cells in milk is possible.

Comprehensive Analysis

All cell types from 1 to 50 µm.
Cell count and viability simultaneously. Cell
health status and metabolism as a bonus.

Cost-Effective and Fast

Low operational and investment costs.
Very short sample preparation
and measurement times.

► **Please contact us and ask us for a demo!** ◀