

Ampha X30



AMPHA X30 – CELL ANALYZER

MORE INFORMATION • MORE CELL TYPES • LABEL-FREE • REAL-TIME

AmphaX30 provides fast and precise data on cell count, viability and metabolic status – within minutes and with easy sample preparation



More information

*Cell count · Viability
Metabolic activity*

Understand your culture's condition to optimize yield.



More cell types

*Yeast · Bacteria ·
Mammalian · Algae*

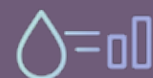
Analyze a wide range of cells with one flexible instrument.



Label-free

*No dyes · No markers ·
No incubation*

Simplify workflows and keep cells intact for reuse or further analysis.



Real-time

*From sample to data
within minutes*

Make process decisions quickly with real-time single-cell monitoring.

WHY IT MATTERS?

Monitoring cell cultures in real-time helps detect heterogeneity in cell populations, contaminations, stress and metabolic shifts - for improved process efficiency.

The Ampha X30 ensures seamless and real-time control and maximum efficiency, whether you are optimizing complex bioprocess workflows or monitoring cell cultures.

WHY IT'S EFFICIENT

No labeling, staining or incubation
→ Minimal, non-invasive sample preparation

Short measurement times
→ From sample to data within minutes

For turbid, opaque and autofluorescent media
→ for all media where optical methods fail

No calibration needed
→ Based on electrical resistance, it's even portable!

Low operational cost
→ One chip allows a minimum of 1000 measurements

Integrated software wizards
→ Easy operation and automated data evaluation

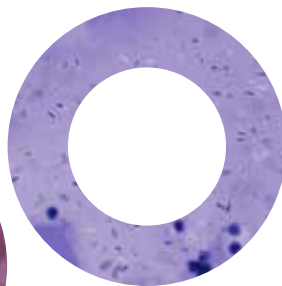
FLEXIBLE APPLICATIONS



Yeast



Human and Animal Cells



Bacteria



Algae



Other Cells


YOUR BENEFITS AT A GLANCE

- ✓ Fast and label-free cell analysis
- ✓ Multiparametric results: count, viability & activity
 - ✓ Applicable to all major cell types
 - ✓ Cost-efficient and easy to operate
- ✓ Ideal for bioprocess control and optimization

Get in Touch!

Learn more about how the Ampha X30 can support your bioprocess.

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 www.amphasys.com/ampha_x30/

