

Ultrasonic Crystallization Osmometer

Measures osmolality in 50-100 μ L liquid samples using semiconductor cooling and ultrasonic crystallization induction. Concentration-dependent control strategies support samples across the documented range.



Key features

- Automatic probe lift with stepper motor and linear guide
- Ultrasonic crystallization without adding water
- Concentration-dependent measurement control
- Network or manual clock setting for dated reports

Technical Information

Sample volume	50-100 µL
Measurement range	0-3000 mOsmol/kg H ₂ O
Resolution	1 mOsmol/kg H ₂ O
Repeatability above 300 mOsmol/kg	RSD ≤1%

Standard Configuration

Instrument with the documented functions. Confirm all supplied holders, glassware, cables, reagents and consumables in the quotation; unspecified items are not assumed included.

Optional Accessories

No complete separate accessory list is available. Request compatible consumables, calibration items and qualification documents separately, with availability and price confirmed before ordering.

Selection / Ordering Information

Specify sample matrix, concentration range, calibration points and reporting needs. Accuracy, measurement time, electrical supply and supplied calibration solutions are not established in the available specification; confirm them before ordering.