

# Osmometer LOSM-A10



## Osmometer LOSM-A10

Osmometer LOSM-A10 is colorful LCD touch display with sample size 50  $\mu\text{l}$  to 100  $\mu\text{l}$  and measuring range up to 0 to 3000 mOsmol /kg H<sub>2</sub>O at ambient temperature 10 to 30°C. Features with on-screen display of molar concentration, freezing point, and osmolarity. At very low testing time it provides fast and accurate osmolality test results. Applicable in General medicine, Routine and research, Forensic medicine, Electron microscope.

### Features

- Require 50  $\mu\text{l}$  to 100  $\mu\text{l}$  sample quantity
- Low testing time
- Colorful LCD touch display
- Equipped with dual cooling system
- Accurate calibration for any concentration bring solution to fit in measurement curve
- Automatic probe for up and down movement
- Convenient and Rapid analysis of data
- Automatic data processing and storage function with microcomputer control
- Transferring of data done through RS232 interface for computer and laboratory connection
- Excellent cooling system design with no heat transfer fluid
- Easy operation
- Rapid detection with suitable continuous detection

### Applications

Osmometer are used in general medicine, routine and research, forensic medicine, electron microscopy, paediatrics, urology, botany, veterinary medicine, nephrology etc.

## Specification

<b>Model No</b>	<b>LOSM-A10</b>
Measuring Range	0 to 3000 mOsmol/kg H <sub>2</sub> O
Resolution	1 mOsmol /kg
Sample Quantity	50μl to 100μl
Accuracy	±2 mOsmol /kg (≤400 mOsmol /kg)
	±1% (> 400 mOsmol /kg)
Repeatability	RSD ≤±1%(300 mOsmol /kg)
Linearity	< 1 %line
Testing Time	< 1.5min
Pre-Cooling Time	< 3min
Display	LCD display
Ambient Temperature	10 to 30°C
Humidity	5 to 80% RH
Power	< 80 W
Voltage	AC 220 V ± 10%; 50 HZ
External Dimension	250×250×370 mm
Weight	Approx. 6 kg