



Cryobasic-1

Single Channel Freezing Point Osmometer

KEY FEATURES

- Automated Single Channel measurement with high accuracy & precision
- Fast start-up time
- Wide measuring range
- Small sample volume
- Automatic Calibration
- Unparalleled repeatability & reproducibility
- Induced ventilation for better durability.
- Multi-language option
- User friendly operation

TECHNICAL SPECIFICATIONS

Principle	Freezing Point Osmometry
Reading Channel	Single
Sample Volume	30 μ l to 2500 μ l
Warm-up time	5 minutes after switching ON the instrument & immediately after STAND BY.
Operating Temperature	5°C to 35°C
Display	Large LCD
Unit	mOsm/Kg H O
Measuring Range	0 to 3000 mOsm/Kg H O
Measuring Time	4 to 5 minutes/Sample
Resolution	\pm 1 mOsm
Drift	< 1 mOsm/Kg H O per month
Repeatability & Reproducibility	\pm 2 mOsm (0 - 600 mOsm) & \pm 0.5% (600-3000 mOsm)
Measuring Chamber Temperature	Controlled by Peltier cell through Instrument software
Lash & Agitation width adjustment	Controlled by software
Printer	Thermal printer (optional)
Communication	RS 232 Serial Port
Ventilation	Induced ventilation
Power supply	110/220 V, 50/60 Hz, 100 W
Dimensions	28 cms x 43 cms x 36 cms
Net weight	18.5 Kgs
Cat.No.	832CB001000