



THE CHOICE IS YOURS

Osmometer Comparison Chart

We are a market leader in vapor pressure and freezing point osmometry.

Innovation with Integrity

An Osmometer for every application



	VAPRO® 5600	FREEZEPOINT® 50 µL
OSMOMETRY METHOD	Vapor pressure	Freezing point
SAMPLE TYPES	Aqueous, Tissue, Viscous	Aqueous, including volatile solutes
SAMPLE APPLICATION METHOD	Sample disc placed in sample holder	Sample tube
SAMPLE VOLUME(S)	10 µL (optional: 2, 20, 60 µL)	50 µL
MEASUREMENT TIME	~90 seconds	~60 seconds
CALIBRATION STANDARDS	100, 290, 1000	300, 850
RESOLUTION	1 mmol/kg	1 mOsmol/kg H ₂ O
RANGE	20–3200 mmol/kg at 25°C ambient	0–3000 mOsmol/kg H ₂ O
PRECISION	± 1%	≤ ± 1.5%
LINEARITY	100 mmol/kg - 1000 mmol/kg	400-2000 mOsmol/kg H ₂ O
DISPLAY	240 x 128 px backlit LCD	5.7" LCD touch screen
AUTOMATED CALIBRATION	3-point	2- or 3-point
PC DATA TRANSFER	USB, RS232	
OPTIONAL ACCESSORIES	Printer, barcode scanner	

Vapro & FreezePoint Benefits:

- User-friendly interfaces
- Require minimal maintenance
- Fast results
- Support dozens of industries, including clinical, research, food/beverage, and manufacturing

www.osmometers.com

