Sample volume	50 - 150 µl
Osmolality range	0 - 2000 mOsmol/kg
Resolution	osmolality: integer value without decimal part, e.g. 850 mOsmol temperature: value with three digits, e.g. -1.576 °C
Test time	~ 2 min
Precision	SD ≤ 4 mOsmol/kg [0 — 400 mOsmol/kg] RSD ≤ 1 % [400 — 2000 mOsmol/kg]
Linearity	± 1 % [0 -1500 mOsmol/kg] ± 1.5 % [0 - 2000 mOsmol/kg]
Calibration	Two-point calibration (0 mOsmol/kg and one freely selectable osmolality) optional: Three-point calibration (0 Osmol/kg and two free selectable osmolalities)
Power supply	100 – 240 V, 50 – 60 Hz, 70 W
Dimensions	160 x 182 x 340 mm (W xH x D)
Weight	5.3 kg
Ambient conditions	Temperature range: 10–35 °C Rel. humidity: 20–80 % (non-condensing)
Interfaces	RS-232 port
Control	Keypad (LED display, 2 rows with 24 characters) optional: EuroOsmo7400 Software