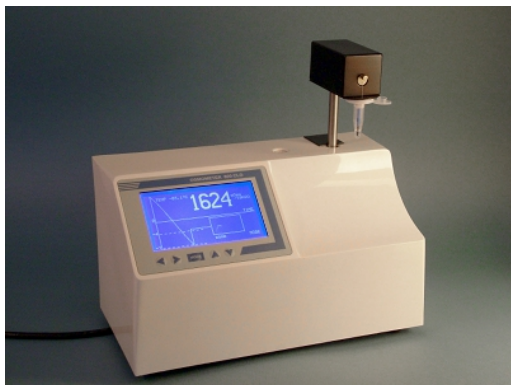
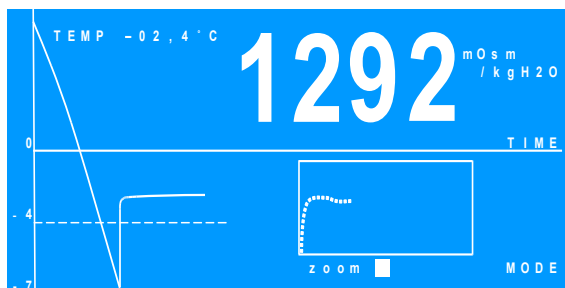


OSMOMETER 800CLG



The OSMOMETER 800CLG is a compact micro processor controlled analyzer for easy and precise osmolality tests in samples of serum, plasma, urine or other body fluids.



800CLG model has hi-tech user interface:

- observation of the sample freezing process with immediate information regards result correctness
- available measurement results history with printout of the single result or of many chosen measurement results
- active result printout description
- service panel with service tests
- displaying in Polish/English/German/French
- date and time setting
- the microprocessor control and built in electronic components with high long term stability make the Osmometer 800CLG an analyzer of easy application and reliable results

MEASUREMENTS REVIEW				<input type="checkbox"/> delete all
mOsm / kg H ₂ O	TIME	DATE		<input type="checkbox"/> delete
01. 0801	17:53	16.05.2011		<input type="checkbox"/> print all
02. 0287	18:00	16.05.2011		<input type="checkbox"/> print
03. 0400	18:12	16.05.2011		<input type="checkbox"/> header
04. 1600	18:20	16.05.2011		<input type="checkbox"/> return
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- * **1-point calibration** - the 1-point-calibration requires distilled water only, and is one of the most practical features of this analyzer. The calibration values are automatically calculated and stored in the microprocessor memory.
- * **automatic work** - the Osmometer 800CLG needs only a sample
- * **the microprocessor control and built in electronic components with high long term stability;**
- * **ready to work - ca. 5 min; short measuring time - 1.5 min**
- * **high precision** ($\pm 0,5\%$) and **reproducibility** (better then 0,5%) **results**
- * **disposable tubes do not require clearing and sterilization**
- * **low operating cost**

Simple operation: The Osmometer 800CLG makes the running of the osmolality test very easy. 100 μ l of the sample are pipetted into a sample tube. The sample tube is attached to the measuring head. The measuring head is pushed down into the cooling chamber. Now the measuring cycle starts automatically. When the measuring is terminated, the measuring head returns to its upper position again, and the result is digitally displayed in mOsm/kgH₂O

TECHNICAL DATA

- 1-point calibration: 0 mOsm/kgH₂O
- Cooling: thermoelectric (Peltier effect)
- Sample volume: 100 μ l
- Measuring range: 0+2000 mOsm/kgH₂O
- Resolution: 1 mOsm/kgH₂O
- Precision: $\pm 0,5\%$
- Reproducibility: better then 0,5%

SERVICE INFO.			
SERIAL NUMBER:	OG-0011	CALIBRATION DATA:	T100K: 7BD7 A1: 1455
			TO : 794D A2: -096
VOLTAGE:	LINE AC: 231,0V	COOLING CHAMBER:	TEMP. : -11,9°C
	ANALOG : 12,1V		CURRENT: 1,25A
	DIGITAL : 5,0V		
		THERMISTOR TEMP.:	+20,0°C
		STIRR. WIRE TEST :	▼
		ELECTROMAGNET OFF:	▲

