



## Fully Automatic Osmometer 전 자동 삼투압 측정기

Cat. No.	Model	Description	EA Price ₩
004-78-200	OSMOMAT-Auto	Osmometer Fully Automatic	

- Freezing Point (빙점 방식) Osmometer
  - 검체를 순간적으로 얼려 그 어는점을 분석하여 측정하는 방식
  - 수용액의 삼투도는 총 순 수의 응고점과 용액의 빙점을 비교 측정하여 결정함 (물의 빙점은 0 °C, 염분 농도 1 Osmol/kg 인 용액의 빙점은 -1.858°C)
- 많은 수의 샘플을 측정 할때 적당함
- Disposable plastic measuring vessels save time and money
- Determines The Total Osmolality of Aqueous Solutions
- The instrument requires very small sample volumes
- Its rapidity allows serial measurements in a very short time
- **Gonotec**

### ■ Application

- Routine and research
- Urology
- Physiology
- Veterinary medicine
- Paediatrics
- Dispensaries
- In-vitro Fertilization
- Electron microscopy
- Haemodialysis/Haemofiltration
- Intensive care laboratories
- Pharmacy
- Forensic medicine
- Nephrology
- Clinical laboratories
- Botany
- Gynaecology

### ■ Feature

- Menu-driven Operation
- Small sample volume: 50 µL standard sample volume
- Measuring time: approximately 70 seconds per single measurement
- Automatic error detection: display shows clear error message
- Constant stand-by mode allows operation over a long period of time



Cat. No.	004-78-200
Model	OSMOMAT-Auto
Sample Volume	≤ 50 ul
Test Time	Approx. 70 Seconds
Reproducibility	< ±1%
Measuring Range	0 up to 2500 mOsmol/kg
Resolution	1 mOsmol/kg Over the entire range
Crystallization	By inoculation of the sample with ice crystal
Cooling	Peltier-cooling system with heat dissipation by air
Display	LCD Display, 4 Lines with 20 digits
Ambient Temp.	10 °C - 30 °C
Internal printer	Alpha-numerical Matrix Printer, 5×7 Matrix
Measurement	Fully automatic measurement of up to 20 samples
Weight	11.6kg

### Standard Solution

Cat. No.	Model	삼투압 농도 (mOsmol/kg)	Ampul	EA Price ₩
004-78-955	30.9.0100	100	10 ampul	102,000
004-78-959	30.9.0290	290		102,000
004-78-963	30.9.0020	300		89,000
004-78-967	30.9.0500	500		102,000
004-78-971	30.9.0850	850		112,000
004-78-975	30.9.2000	2000		112,000

### Optional Accessories

Cat. No.	Model	Description	EA Price ₩
004-78-991	35.9.0010	Measuring Vessels for Osmomat Auto	1000ea 330,000
004-78-915	32.03	Barcode Reader	1ea 1,100,000
004-78-995	30.9.1010	Printer Paper	8ea 99,000
004-78-999	35.9.1030	Cleaning Paper	1ea 121,000