

How to Select the Appropriate Clinical Osmometer

It's easy to select the best osmometer for your laboratory needs

There are a variety of factors that go into choosing the right osmometer.

No matter which instrument you choose, all Advanced Instruments Osmometers utilize

Freezing Point Technology which is considered the "Gold Standard" osmolality determination method.

All models support compliance with accreditation bodies



OsmoPRO[®] MAX
Automated Osmometer



OsmoPRO[®]
Multi-Sample Micro-Osmometer



Osmo1[®]
Single-Sample Micro-Osmometer

Workflow Optimizations			
Integrated barcode scanner	●	●	●
Multi-language touchscreen display	●	●	●
Multi-sample capability	●	●	
Automatic cleaning between samples	●	●	
Automatic testing	●	●	
STAT testing & load more capability	●		
Continuous loading and unloading	●		
Programmable replicate testing	●		
Badge scanning capability	●		
Automatic sample identification	●		
Primary tube testing	●		
Onboard video instructions	●		
Quality Control Features			
Out of specification QC alert capability	●	●	●
Real-time QC status indicator	●		
QC data upload to peer group program	●		
Primary vial control testing*	●		
Data Traceability, Security and Flexibility			
Sample ID traceability	●	●	●
User traceability	●	●	●
Two-level, password protected user access	●	●	●
Onboard results & events storage	●	●	●
Ethernet for LIS connectivity	●	●	●
Multiple USB connections	●	●	●
Minimum sample volume	170 µL	20 µL	20 µL
Osmolality test method	Freezing point depression	Freezing point depression	Freezing point depression
Size (w x d, cm)	36 x 42	25 x 38	36 x 38
Part #	OsmoPRO MAX	OsmoPRO	Osmo1

*With AI-branded controls