

Overview all Advanced Instruments osmometers | for Biopharma



WORKFLOW FEATURES	A2O® Advanced Automated Osmometer	OsmoTECH® PRO Multi-Sample Micro-Osmometer	OsmoTECH® XT Single-Sample Micro-Osmometer	OsmoTECH® Single-Sample Micro-Osmometer
Best for labs with daily sample processing needs of	>10/day	>10/day	1-10/day	1-10/day
Sample volume	100 µL	30 µL	20 µL	20 µL
Sample introduction	Automated liquid handling sample cup	Sample cup	One-step direct	One-step direct
Operating range (mOsm/kg H ₂ O)	0 - 4,000 mOsm/kg H ₂ O	0 - 2,000 mOsm/kg H ₂ O	0 - 4,200 mOsm/kg H ₂ O	0 - 2,000 mOsm/kg H ₂ O
Test time (seconds)	180	90	Less than 150 in low range, Less than 180 in high range	90
COMPLIANCE SUPPORT FEATURES				
Supports 21 CFR part 11 & EU Annex 11 compliance	✓	✓	✓	✓
Supports Pharmacopeia testing guidelines compliance	✓	✓	✓	✓
INSTRUMENT FEATURES				
Integrated barcode scanner	✓	✓	✓	✓
On-board printer	✓	✓*	✓*	✓*
Multi-language touchscreen display	✓	✓	✓	✓
Username & password compatibility	✓	✓	✓	✓
Multi-sample capacity	✓	✓		
Automated cleaning between samples	✓	✓		
Automated sample pipetting	✓			
Temperature control method	Dry cooling (No heat transfer fluid)	Dry cooling (No heat transfer fluid)	Dry cooling (No heat transfer fluid)	Dry cooling (No heat transfer fluid)
DATA MANAGEMENT				
TCP/IP	✓	✓	✓	✓
USB	✓	✓	✓	✓
Webserver for remote data viewing	✓		✓	✓
OPC-UA, Network share		✓	✓	✓
Database backup		✓	✓	✓
DTE RS-232, Barcode port				✓

*Sold separately

If you have any questions please contact us! www.il-biosystems.com