Overview all Advanced Instruments osmometers | for Biopharma

All models support
Pharmacopeia testing guidelines.

WORKFLOW FEATURES	OsmoTECH® Single-Sample Micro-Osmometer	OsmoTECH® XT Single-Sample Micro-Osmometer	OsmoTECH® PRO Multi-Sample Micro-Osmometer	OsmoTECH® HT Automated Micro-Osmometer
Best for labs with daily sample processing needs of	1–10/day	1–10/day	>10/day	>20/day
Sample volume	20 µL	20 µL	30 µL	50 µL
Sample introduction	One-step direct	One-step direct	Sample cup	96 well plate
Operating range (mOsm/kg H$_2$O)	0 – 2,000	0 – 4,000	0 – 2,000	0 – 2,000
Test time (seconds)	90	Less than 150 in low range, less than 180 in high range	90	140
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**