

OsmoTECH® vs OsmoTECH® PRO Comparison



FEATURES	OsmoTECH®	OsmoTECH® PRO
Workflow Features		
Operating range (0-2000 mOsm/kg H ₂ O)	✓	✓
Test time (90 seconds)	✓	✓
Sample Volume (μL)	20	30
Sample Capacity	Single	Multi-sample 20 samples
Sample Introduction	One-step direct	Sample cup
Instrument Features		
Integrated barcode scanner	✓	✓
Simple network time protocol	✓	✓
Color-coded touchscreen	✓	✓
Multi-language	✓	✓
Touchscreen display	✓	✓
Standalone dot-matrix printer (optional)	✓	✓
Temperature control method	Dry Cooling (No heat-transfer fluid)	Dry Cooling (No heat-transfer fluid)
Consumables		
Cleanroom-friendly plastic packaging	✓	✓
Intended use		
Designed specifically for biotech laboratories	✓	✓
Calibration		
Supporting EP, USP, ChP, JP guidelines	✓	✓
Calibration points	0*, 50, 850, 2000*	0*, 50, 850, 2000*

* as optional

More Data Management and 21 CFR Part 11 Supporting Features continued..

Both OsmoTECH® vs OsmoTECH® PRO Provide Data Management and 21 CFR Part 11 Supporting Features

FEATURES	OsmoTECH®	OsmoTECH® PRO
Data management		
Supports 21 CFR Part 11 & EU Annex 11 Compliance	✓	✓
Laboratory information management systems (LIS) connectivity via Ethernet	✓	✓
PDF export to USB	✓	✓
.csv export to USB	✓	✓
Ability to disable data export	✓	✓
Webserver access for remote viewing (5 to 1000 results)	✓	✓
Network share	✓	✓
Flexible Data recovery	✗	✓
Manual and automatic data backup in .dB format	✓	✓
OPC-UA communication	✓	✓
Electronic Signature for data review and approval	✗	✓
Require reason for change	✓	✓
Data Storage Capacity	Unlimited	Unlimited
Users		
3-level user access (admin, supervisor, operator)	✓	✓
Active directory / LDAP	✓	✓
Ability to disable / re-enable users	✓	✓
Configurable user logout	✓	✓
Passwords		
Password protection	✓	✓
Prevents re-using passwords	✓	✓
Required alphanumeric characters	✓	✓
Maximum 5 password retries before lockout	✓	✓
Ability to pre-expire passwords	✓	✓
Configurable password strength	✓	✓
Minimum 15-character length for passwords	✓	✓

