

Benchtop Multiparameter Water Quality Meter



Features:

- * High resolution LCD display, 5.7 inches.
- * Multi-reading feature allows auto-read, timed-read and continuous-read.
- * Automatic/manual temperature compensation ensures accurate results.
- * Auto-hold feature senses and locks the measurement endpoint.
- * Data storage 500 sets (GLP-compliant).
- * Support for USB or RS-232 communication.
- * Reset feature automatically resumes all settings back to factory default options.
- * IP54 dustproof and spillproof.
- * Ion: over 10 methods are built-in, including F⁻, Cl⁻, Br⁻, I⁻, NO₂⁻, NH₄⁺, K⁺, Na⁺, Ca²⁺, Cu²⁺, Pb²⁺, Ag⁺ and etc., user-defined method is supported.
- * Selectable pH buffer groups, including NIST, DIN, GB, USA.
- * DO: selectable pressure unit, including kPa, mbar, Torr, Atm.

Accessories:

Meter; composite electrode; conductivity electrode; polarographic DO electrode; standard pH buffer solution(50mL)(pH4.01, 7.00, 10.01); conductivity standard 1413µS/cm(50mL); electrode stand; power adapter DC 9V; universal USB cable; dust cover.

Technical Parameters:

Model	M300F
pH	Range
	-2.00~20.00pH
	Resolution
	0.1, 0.01pH
	Accuracy
ORP	±0.01pH
	Calibration Points
	1~5 points
	Standard Customization
	Yes
pX	Standard Recognition
	NIST, GB, USA and DIN buffers
	Slope Limit
	Yes
	Range
ISE(Optional)	-2000.0~2000.0mV
	Resolution
	0.1mV
	Accuracy
	±0.3mV or ±0.1%
Conductivity	Range
	-2.00~20.00pX
	Resolution
	0.1, 0.01pX
	Accuracy
Resistivity	±0.01pX
	Calibration Points
	1~5 points
	Range
	1.000e-9~9.999e+9
TDS	Resolution
	Up to 4 significant digits
	Accuracy
	±0.5%
	Calibration Points
Salinity	1~5 points
	Unit
	mol/L, mmol/L, g/L, mg/L, µg/L, ppm, ppb
	Range
	0.000µS/cm~1000mS/cm
DO	Resolution
	0.001µS/cm minimum, various with range selection
	Accuracy
	±1.0%FS
	Calibration Points
% Saturation -Polarographic	1~3 points
	Standard Recognition
	84µS/cm, 1413µS/cm, 12.88mS/cm
	Reference Temperature
	20, 25°C
Concentration-Polarographic	Range
	5.00~20.00MΩ·cm
	Resolution
	0.01Ω·cm minimum
	Accuracy
Temperature	±1.0%FS
	Range
	0.00ppm~300ppt
	Resolution
	0.01mg/L minimum, various with range selection
Measurement	Accuracy
	±1.0%FS
	Range
	0.0~80.0ppt
	Resolution
Data Management	0.1ppt
	Accuracy
	±2ppt
	Range
	0.00~20.00ppm
Outputs	Resolution
	0.01ppm
	Accuracy
	±0.10ppm
	Calibration Points
Power Supply	Air-saturated water or zero point
	Barometric Compensation
	Yes
	Manual Salinity Factor Correction
	Yes
External Size(W*D*H)	Range
	0.0~200.0%
	Resolution
	0.1%
	Accuracy
Package Size(W*D*H)	±2.0%
	Range
	-5~110°C/23~230°F
	Resolution
	0.1
Net Weight	Accuracy
	±0.2
	Reading Mode
	Auto read(Fast, medium, slow), timed, continuous
	Reading Prompts
Gross Weight	Reading, stable, locked
	Temp. Compensation
	ATC, MTC
	Data Storage
	500 results each
	GLP Features
	Yes
	USB
	PC
	RS232
	Printer
	AC adapter, 100~240V, 50/60Hz AC input, DC9V output
	External Size(W*D*H)
	242*195*68mm
	Package Size(W*D*H)
	370*305*330mm
	Net Weight
	0.9kg
	Gross Weight
	3.5kg