

MW151 MAX

pH/ORP/Temperature Logging Laboratory Bench Meter

This high performance microprocessor-based pH/ORP/Temp Bench meter is an ideal tool in schools, laboratories and production plants. It is provided with a series of new diagnostic features which add an entirely new dimension to the measurement of pH, by allowing the user to dramatically improve the reliability of the measurement:

- Up to 5-point calibration with 7 standard calibration buffers and two custom buffers
- 2 USB ports: Standard USB socket to export data directly to a flash drive and micro USB to connect a computer for file export
- Data logging: 1000 logs can be stored in the built-in memory including readings, GLP data, date and time
- Different logging methods: manual log-on-demand (max. 200 logs); manual log-on-stability (max. 200 logs) and interval log (max. 600 samples; 100 lots)
- Electrode diagnostics feature checks and displays the condition of the pH electrode
- Built-in rechargeable battery with 8 hours battery life
- Battery charger with battery monitor
- Dedicated GLP key
- Alphanumeric LCD displayed messages for user friendly, intuitive information/warning/error messages



Specifications		MW151 MAX
Range	pH	-2.00 to 20.00 pH / -2.000 to 20.000 pH
	mV	±1000.0 mV / ±2000.0 mV
	Temp	-20.0 to 120.0°C / -4.0 to 248.0°F
Resolution	pH	0.01 pH / 0.001 pH
	mV	0.1 mV / 0.1 mV
	Temp	0.1°C / 0.1°F
Accuracy (@20°C)	pH	±0.01 pH / ±0.002 pH
	mV	±0.2 mV / ±1 mV
	Temp	±0.4°C / ±0.8°F
pH Calibration		up to 5-point automatic pH calibration, 7 standard calibration buffers (pH 1.68, 4.01, 6.86, 7.01, 9.18, 10.01 and 12.45) and two custom buffers
Temperature Compensation		automatic from -20.0 to 120.0°C / -4.0 to 248.0°F or manual, without temperature probe
pH Electrode		MA917B/1 (included)
Temperature Probe		MA831R (included)
Log		Maximum 1000 records; On demand, 200 samples; On stability, 200 samples Interval logging, 600 samples (max. 100 lots)
PC connectivity		1 USB port, 1 micro USB port
Power Supply		12 VDC adapter (included), 5 VDC USB adapter
Battery life		8 hours
Auto-off		5, 10, 30, 60 minutes or off
Environment		0 to 50 °C; max RH 95%
Packaging dimensions		335 x 120 x 255 mm
Packaging weight		2 kg



Glass Electrode & Temperature Probe

Choose from our wide selection of pH and ORP electrodes at pages 8 and 50.

Innovative Design

Compact-size ergonomic design with electrode holder that can hold multiple electrodes & probes.



Accessories

- MA9001** pH 1.68 buffer solution, 230 mL bottle
MA9004 pH 4.01 buffer solution, 230 mL bottle
MA9006 pH 6.86 buffer solution, 230 mL bottle
MA9007 pH 7.01 buffer solution, 230 mL bottle
MA9009 pH 9.18 buffer solution, 230 mL bottle
MA9010 pH 10.01 buffer solution, 230 mL bottle
MA9011 Refilling Electrolyte Solution 3.5M KCl for pH/ORP electrodes, 230 mL
MA9012 Refilling Electrolyte Solution 1M KNO₃, 230 mL, food applications
MA9015 Electrode storage solution, 230 mL
MA9016 Electrode cleaning solution, 230 mL
MA831R Temperature probe



- MA9112** pH 12.45 buffer solution, 230 mL bottle
MA9310 12 VDC Adapter, 220 V
MA9311 12 VDC Adapter, 110 V
MA9315 Electrode Holder
MA917B/1 Glass body, double junction refillable pH electrode
MA924B/1 ±2000 mV Glass ORP electrode, refillable with BNC connector and 1 meter cable
SE300 Platinum ORP electrode with 1 m cable

Ordering Information

MW151 MAX is supplied complete with:

- **MA917B/1** Double junction refillable pH electrode
- **MA831R** Temperature Probe
- **MA9315** Electrode Holder
- **M10004** pH 4.01 Sachet Buffer Solution
- **M10007** pH 7.01 Sachet Buffer Solution
- **M10010** pH 10.01 Sachet Buffer Solution
- **M10016** Sachet Electrode Cleaning Solution
- **MA9310** 12 VDC Adapter
- Graduated pipette
- USB cable
- Instruction manual