

# 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



- Years warranty **3**
- LOG
- ATC
- MTC
- Points **5**
- Dual Display
- Self diagnostics
- Memorized buffers **7**
- CE
- USB
- GLP

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 KNO<sub>3</sub>, 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