

MW150 MAX

pH/ORP/Temperature Laboratory Bench Meter

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



MW150 MAX is an advanced pH/ORP/Temp microprocessor-based bench meter. It is ideal for students and technicians who need fast and reliable measurements.

This meter 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 3-point automatic calibration with 7 standard calibration buffers
- Automatic or manual temperature compensation
- Built-in rechargeable battery with 8 hours battery life
- Auto-off feature to preserve battery energy
- Battery charger with battery monitor
- Dedicated GLP key
- Alphanumeric LCD displayed messages for user friendly, intuitive information/warning/error messages
- Internal clock and date to keep track of different time-dependent functions (calibration, timestamp, calibration time out)

Ordering Information:



Specifications		MW150 MAX
Range	pH mV Temp	-2.00 to 20.00 pH ±1000.0 mV / ±2000.0 mV -20.0 to 120.0°C / -4.0 to 248.0°F
Resolution	pH mV Temp	0.01 pH 0.1 mV / 0.1 mV 0.1°C / 0.1°F
Accuracy (@25°C / 77°F)	pH mV Temp	±0.01 pH ±0.2 mV / ±1 mV ±0.4°C / ±0.8°F
pH Calibration		up to 3-point automatic pH calibration, 7 standard calibration buffers (pH 1.68, 4.01, 6.86, 7.01, 9.18, 10.01 and 12.45)
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)
Power Supply		12 VDC adapter (included)
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



Accessories

- | | |
|--|---|
| MA9001 pH 1.68 buffer solution, 230 mL bottle | MA9016 Electrode cleaning solution, 230 mL bottle |
| MA9004 pH 4.01 buffer solution, 230 mL bottle | MA9112 pH 12.45 buffer solution, 230 mL bottle |
| MA9006 pH 6.86 buffer solution, 230 mL bottle | MA9310 12 VDC Adapter, 220 V |
| MA9007 pH 7.01 buffer solution, 230 mL bottle | MA9311 12 VDC Adapter, 110 V |
| MA9009 pH 9.18 buffer solution, 230 mL bottle | MA9315 Electrode Holder |
| MA9010 pH 10.01 buffer solution, 230 mL bottle | MA917B/1 Glass body, double junction refillable pH electrode |
| MA9011 Refilling Electrolyte Solution 3.5M KCl for pH/ORP electrodes, 230 mL | MA831R Temperature probe |
| MA9012 Refilling Electrolyte Solution 1M KNO ₃ , 230 mL, food applications | |
| MA9015 Electrode storage solution, 230 mL bottle | |

- MW150 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
 - Instruction manual