

# MW150 MAX

## pH/ORP/Temperature Laboratory Bench Meter

- Years warranty  
2
- 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)

Specifications		MW150 MAX
Range	pH	-2.00 to 20.00 pH
	mV	±2000.0 mV
	Temp	-20.0 to 120.0°C / -4.0 to 248.0°F
Resolution	pH	0.01 pH
	mV	0.1 mV
	Temp	0.1°C / 0.1°F
Accuracy (@25°C / 77°F)	pH	±0.01 pH
	mV	±1 mV
	Temp	±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), no 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)
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

### Ordering Information:



### Accessories

<b>MA9001</b>	pH 1.68 buffer solution, 230 mL bottle	<b>MA9016</b>	Electrode cleaning solution, 230 mL bottle
<b>MA9004</b>	pH 4.01 buffer solution, 230 mL bottle	<b>MA9112</b>	pH 12.45 buffer solution, 230 mL bottle
<b>MA9006</b>	pH 6.86 buffer solution, 230 mL bottle	<b>MA9310</b>	12 VDC Adapter, 220 V
<b>MA9007</b>	pH 7.01 buffer solution, 230 mL bottle	<b>MA9311</b>	12 VDC Adapter, 110 V
<b>MA9009</b>	pH 9.18 buffer solution, 230 mL bottle	<b>MA9315</b>	Electrode Holder
<b>MA9010</b>	pH 10.01 buffer solution, 230 mL bottle	<b>MA917B/1</b>	Glass body, double junction refillable pH electrode
<b>MA9011</b>	Refilling Electrolyte Solution 3.5M KCl for pH/ORP electrodes, 230 mL	<b>MA924B/1</b>	±2000 mV Glass ORP electrode, refillable with BNC connector and 1 meter cable
<b>MA9012</b>	Refilling Electrolyte Solution 1M KNO <sub>3</sub> , 230 mL, food applications	<b>MA831R</b>	Temperature probe
<b>MA9015</b>	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