

# MW150 MAX

## pH/ORP/Temperature Laboratory Bench Meter



**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)
- dedicated GLP key

### Glass Electrode & Temperature Probe

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



### Custom dual level LCD

Large and easy-to-read Custom dual level LCD with simultaneous readings and with user-friendly icons.



Specifications		MW150 MAX
Range	pH	-2.00 to 20.00 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
	mV	0.1 mV / 0.1 mV
	Temp	0.1°C / 0.1°F
Accuracy (@25°C / 77°F)	pH	±0.01 pH
	mV	±0.2 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)	
Temperature Compensation	automatic from -20.0 to 120.0°C / -4.0 to 248.0°F or manual, without temperature probe	
pH Electrode	<b>MA917B/1</b> (included)	
Temperature Probe	<b>MA831R</b> (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  
**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 bottle

- MA9016** Electrode cleaning solution, 230 mL bottle  
**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  
**MA831R** Temperature probe

### Ordering Information

**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