

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		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
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 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