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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)

Ordering Information:



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	

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 ₃ , 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
MA924B/1	±2000 mV Glass ORP electrode, refillable with BNC connector and 1 meter cable
MA831R	Temperature probe

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