

## MW150 MAX



MW150



pH / ORP / Temperature Laboratory Bench Meter

Rating: Not Rated Yet

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### Description

#### **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

| Specifications           | MW150 MAX  |
|--------------------------|--|
| Range                    | pH -2.00 to 20.00 pH<br>mV ±1000.0 mV / ±2000.0 mV<br>Temp -20.0 to 120.0 °C / -4.0 to 248.0 °F  |
| Resolution               | pH 0.01 pH<br>mV 0.1 mV / 0.1 mV<br>Temp 0.1 °C / 0.1 °F   |
| Accuracy (@25°C / 77°F)  | pH ±0.01 pH<br>mV ±0.2 mV / ±1 mV<br>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) or manual, without temperature probe |
| 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     | 395 x 120 x 295 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
- **MA9012** Refilling solution for pH electrode, 230 mL bottle
- **MA9015** Electrode storage solution, 230 mL bottle
- **MA9016** Electrode cleaning solution, 230 mL bottle
- **MA9112** pH 12.45 buffer solution, 230 mL bottle
- **MA9315** Electrode Holder
- **MA917B/1** Glass body, double junction refillable pH electrode
- **MA831R** Temperature probe

**Ordering information:**

MW150 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
- 12 VDC Adapter
- Instruction manual