

## MW151 MAX



MW151



pH / ORP / Temperature Laboratory Bench Meter

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Description

## MM151 MAX pH / ORP / Temperature Laboratory Bench Meter

This high performance microprocessor-based pH/ORP/Temp Bench meter is an ideal tool in schools, laboratories and production plants.

It 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 5-point calibration with 7 standard calibration buffers and two custom buffers
- 2 USB ports: Standard USB socket to export data directly to a flash drive and micro USB to connect a computer for file export
- Data logging: 1000 logs can be stored in the built-in memory including readings, GLP data, date and time
- Different logging methods: manual log-on-demand (max. 200 logs); manual log-on-stability (max. 200 logs) and interval log (max. 600 samples; 100 lots)
- Electrode diagnostics feature checks and displays the condition of the pH electrode
- Built-in rechargeable battery with 8 hours battery life
- Battery charger with battery monitor
- Dedicated GLP key
- Alphanumeric LCD displayed messages for user friendly, intuitive information/warning/error messages

Specifications	MW151 MAX
Range	pH -2.00 to 20.00 pH / -2.000 to 20.000 pH mV $\pm 1000.0$ mV / $\pm 2000.0$ mV Temp -20.0 to 120.0°C / -4.0 to 248.0°F
Resolution	pH 0.01 pH / 0.001 pH mV 0.1 mV / 0.1 mV Temp 0.1°C / 0.1°F
Accuracy (@20°C)	pH $\pm 0.01$ pH / $\pm 0.002$ pH mV $\pm 0.2$ mV / $\pm 1$ mV Temp $\pm 0.4$ °C / $\pm 0.8$ °F
pH Calibration	Up to 5-point automatic pH calibration, 7 standard calibration buffers (pH 1.68, 4.01, 6.86, 7.01, 9.18, 10.01 and 12.45) and two custom buffers automatic from -20.0 to 120.0°C / -4.0 to 248.0°F or manual, without temperature probe
Temperature Compensation	MA917B/1 (included)
pH Electrode	MA917B/1 (included)
Temperature Probe	MA831R (included)
Logs	Maximum 1000 records, On demand, 200 samples, On stability, 200 samples Interval logging, 600 samples (max. 100 lots)
PC connectivity	1 USB port, 1 micro USB port
Power Supply	12 VDC adapter (included), 5 VDC USB adapter
Battery life	8 hours
Auto-off	5, 10, 30, 60 minutes or off
Environment	0 to 50 °C, max RH 95%
Packaging dimensions	230 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
- **MA921B/1** Double junction, gel filled ORP electrode with platinum sensor
- **MA831R** Temperature probe

### Ordering information:

MW151 is supplied complete with:

- MA917B/1 Double junction refillable pH electrode
- MA831R Temperature Probe
- MA9315 Electrode Holder
- Micro USB cable

- 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