

## MW105 MAX



MW105



pH / ORP / Temperature MAX Portable Meter

Rating: Not Rated Yet  
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Description

**MW105 MAX pH / ORP / Temperature Professional Portable Meter**

The Milwaukee **MW105 MAX** meter combines all the features of a benchtop unit into a portable, IP67 rated meter.

The instruments are provided with a series of new diagnostic features for improved pH measurement reliability:

- IP67 waterproof casing
- pH extended range: -2.00 to 20.00 pH
- 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)
- alphanumeric LCD displayed messages for user friendly, intuitive information / warning / error messages
- auto-off feature to preserve battery life
- internal clock and date to keep track of different time-dependent functions (calibration timestamp, calibration time out)
- dedicated GLP key

| Specifications           | MW105 MAX  |
|--------------------------|--|
| Range                    | pH -2.00 to 20.00 pH<br>mV ±2000 mV<br>Temp <sup>o</sup> -20.0 to 120.0°C / -4.0 to 248.0°F  |
| Resolution               | pH 0.01 pH<br>mV 1 mV<br>Temp 0.1°C / 0.1°F  |
| Accuracy (25°C / 77°F)   | pH ±0.02 pH<br>mV ±1 mV<br>Temp ±0.5°C up to 60°C, ±1°C outside / ±1°F up to 140°F, ±2°F outside                                       |
| pH Calibration           | factory calibrated<br>automatic, up to 3 points calibration, 7 standard buffers available (1.68, 4.01, 6.86, 7.01, 9.18, 10.01, 12.45) |
| ORP calibration          | factory calibrated   |
| Temperature compensation | automatic, from -5 to 80°C (-23 to 176°F); manual  |
| Probe                    | MA906BR/1 amplified pH/temperature probe (supplied)  |
| Temperature probe        | Built-in temperature probe   |
| Input impedance          | 10 <sup>11</sup> Ohm   |
| Battery Type             | 3 x 1.5V alkaline AA (included)  |
| Battery Life             | Approx. 200 hours of use   |
| Environment              | 0 to 50°C / 32 to 122°F, max RH 95%  |
| Auto-off                 | 5, 10, 30, 60 minutes or off   |
| Packaging dimensions     | 305 x 250 x 115 mm   |
| Packaging weight         | 1.22 kg  |

**Accessories:**

- **MA906BR/1** Combination amplified pH/Temp probe with BNC & RCA connectors and 1 m cable
- **M10004B** pH 4.01 buffer solution 20 mL sachet (25 pcs)
- **M10006B** pH 6.86 buffer solution 20 mL sachet (25 pcs)
- **M10007B** pH 7.01 buffer solution 20 mL sachet (25 pcs)
- **M10010B** pH 10.01 buffer solution 20 mL sachet (25 pcs)
- **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
- **MA9015** Electrode storage solution, 230 mL
- **MA9016** Electrode cleaning solution, 230 mL
- **M10000B** Electrode rinse solution, 20 mL (25 pcs)

**Ordering information:**

MW105 is supplied complete with MA906BR/1 pH/Temp amplified probe with 1 meter cable, 20 mL pH 4.01 and 7.01 sachet of calibration solution, 2x20 mL sachet of electrode cleaning solutions, 9V battery and instructions, all in a rugged carrying case.