

MW105 MAX

Portable pH/ORP/Temp Meter

- Years warranty **3**
- ATC
- Points **2**
- Dual Display
- Self diagnostics
- CE
- IP67
- GLP



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

Hard Carrying Case

Each meter is supplied in a hard carrying case ideal for field measurements.



Specifications	MW105 MAX
Range	pH -2.00 to 20.00 pH mV ±2000 mV Temp* -20.0 to 120.0°C / -4.0 to 248.0°F
Resolution	pH 0.01 pH mV 1 mV Temp 0.1°C / 0.1°F
Accuracy (@25°C / 77°F)	pH ±0.02 pH mV ±1 mV Temp ±0.5°C up to 60°C; ±1°C outside / ±1°F up to 140°F; ±2°F outside
pH Calibration	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 ¹² 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 280 x 115 mm
Packaging weight	1.22 kg

* Temperature range is limited to 80.0 °C, when using the MA906BR/1 probe

Calibration, Maintenance & Cleaning Solutions

Choose from our wide selection of calibration, maintenance and cleaning solutions at page 59.



Ordering Information

MW105 MAX is supplied complete with:

- **MA906BR/1** amplified pH/temperature probe
- **M10004** pH 4.01 buffer solution (20 mL sachet)
- **M10007** pH 7.01 buffer solution (20 mL sachet)
- **M10010** pH 10.01 buffer solution (20 mL sachet)
- **M10016** electrode cleaning solution (20 mL sachet)
- Graduated pipette
- 1.5V alkaline AA battery (3 pcs.)
- Instrument quality certificate
- Instruction manual

Accessories

- MA906BR/1** amplified pH/temperature probe
- M10000B** Electrode rinse solution, 20 mL (25 pcs)
- M10004B** pH 4.01 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

