

MW106 MAX

Portable pH/ORP/Temp Meter

The Milwaukee **MW106 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/ -2.000 to 20.000 pH
- 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
- available log space for up to 1000 records
- 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

Calibration, Maintenance & Cleaning Solutions

See page 52.



Specifications		MW106 MAX
Range	pH mV Temp*	-2.00 to 20.00 pH / -2.000 to 20.000 pH ±2000 mV -20.0 to 120.0 °C (-4.0 to 248.0 °F)
Resolution	pH mV Temp	0.01 pH / 0.001 pH 0.1 mV 0.1°C / 0.1°F
Accuracy (@25°C)	pH mV Temp	±0.01 pH / ±0.002 pH ±1 mV ±0.5°C up to 60°C; ±1°C outside / ±1°F up to 140°F; ±2°F outside
pH Calibration		automatic, up to 5 points calibration, 7 standard buffers available (1.68, 4.01, 6.86, 7.01, 9.18, 10.01, 12.45) and two custom buffers
ORP Calibration		factory calibrated
Temperature Compensation		automatic, from -5 to 80°C / 23 to 176°F
Probe		MA906BR/1 amplified pH/temperature probe (supplied)
Temperature probe		Built-in temperature probe
Input impedance		10 ¹² Ohm
Log		Max. 1000 log records (stored in up to 100 lots) On demand, 200 logs / On stability, 200 logs / Interval logging, 1000 logs
PC connectivity		1 micro USB port
Battery Type		3 x 1.5V alkaline AA (included)
Battery Life		approx. 200 hours of use
Auto-off		5, 10, 30, 60 minutes or off
Environment		0 to 50°C ; 95% RH
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

Hard Carrying Case

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



Accessories

- MA906BR/1** amplified pH/temperature probe
- M10000B** Electrode rinse solution, 20 mL sachet (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
- MA9007** pH 7.01 buffer solution, 230 mL bottle
- MA9015** Electrode storage solution, 230 mL
- MA9016** Electrode cleaning solution, 230 mL



Ordering Information

MW106 MAX is supplied complete with:

- **MA906BR/1** amplified pH/temperature probe
- **MA9315** electrode holder
- **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.)
- USB cable
- Instrument quality certificate
- Instruction manual