

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 59.



Specifications		MW106 MAX
Range	pH	-2.00 to 20.00 pH / -2.000 to 20.000 pH
	mV	±2000 mV
Resolution	Temp*	-20.0 to 120.0 °C (-4.0 to 248.0 °F)
	pH	0.01 pH / 0.001 pH
Accuracy (@25°C)	mV	0.1 mV
	Temp	0.1°C / 0.1°F
pH Calibration	pH	±0.01 pH / ±0.002 pH
	mV	±1 mV
ORP Calibration	Temp	±0.5°C up to 60°C; ±1°C outside / ±1°F up to 140°F; ±2°F outside
		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
Temperature Compensation		factory calibrated
Probe		automatic, from -5 to 80°C / 23 to 176°F
Temperature probe		MA906BR/1 amplified pH/temperature probe (supplied)
Input impedance		Built-in temperature probe
Log		10 ¹² Ohm
PC connectivity		Max. 1000 log records (stored in up to 100 lots)
Battery Type		On demand, 200 logs / On stability, 200 logs / Interval logging, 1000 logs
Battery Life		1 micro USB port
Auto-off		3 x 1.5V alkaline AA (included)
Environment		approx. 200 hours of use
Packaging dimensions		5, 10, 30, 60 minutes or off
Packaging weight		0 to 50°C ; 95% RH
		305 x 280 x 115 mm
		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
MA924B/1 Glass ORP electrode, with BNC connector and 1 meter cable



Ordering Information

MW106 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.)
- USB cable
- Instrument quality certificate
- Instruction manual