

MW105 MAX Portable pH/ORP/Temp 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

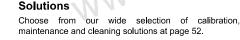
Hard Carrying Case

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 pH	±0.02 pH
(@25°C / 77°F) 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 to176 °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



Ordering Information

MW105 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.)



MA9016











M10004B

pH/ORP

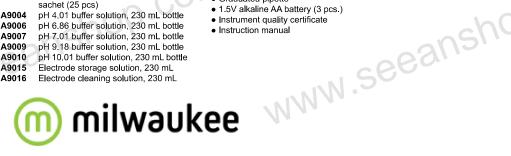
MA906BR/1 amplified pH/temperature probe M10000B Electrode rinse solution, 20 mL

(25 pcs) 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



Electrode cleaning solution, 230 mL