

MW605 MAX Dissolved Oxygen/Temperature Portable Meter

MW605 MAX is a portable, IP67 rated meter designed for fresh and saltwater measurements of dissolved oxygen (DO). The MW605 meter is compatible with MA860 galvanic DO probe. Galvanic probes require no conditioning and thus the instrument is ready to measure when it is powered on.

Concentration measurements are automatically compensated for temperature and salinity. Temperature is automatically measured (in both degree Celsius and Fahrenheit) and compensated. Salinity and altitude can be configured in Setup.

Other features include:

- IP67 waterproof casing
- Auto-off feature to prolong battery life
- One or two % saturation calibration points at 100% (water saturated air) and 0% (zero oxygen solution)
- Dedicated GLP key to store and recall data on system status
- Available log space for up to 1000 records
- Logged data can be exported using a USB cable



Specifications	MW605 MAX
Range	O ₂ 0.00 to 45.00 mg/L (ppm) % Saturation O ₂ 0.0 to 300% Temp -20.0 to 120.0°C / -4.0 to 248.0°F
Resolution	O ₂ 0.01 mg/L (ppm) % Saturation O ₂ 0.1% Temp 0.1°C (0.1°F)
Accuracy	O ₂ ±1.5% of reading ±1 digit % Saturation O ₂ ±1.5% of reading ±1 digit Temp ±0.4°C (±0.8°F)
Calibration	One or two % saturation calibration points 0% (MA9070) and 100% (water saturated air)
Temperature Compensation	automatic, from 0.0 to 50.0°C / 32.0 to 122.0°F
Altitude Compensation	-500 to 4000 m (with 100 m resolution)
Salinity Compensation	Manual, from 0 to 40 g/L (with 1 g/L resolution)
Probe	MA860 (included)
Logging memory	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
Environment	0 to 50°C / 32 to 122°F; max RH 95%
Battery Type	3 x 1.5V alkaline AA (included)
Battery Life	approx. 200 hours of use
Auto-off	after 4 hours of non-use
Packaging dimensions	305 x 280 x 115 mm
Packaging weight	1.4 kg

Accessories

- MA9072S** Refilling Electrolyte solution, 30 mL bottle
- MA860** D.O. Probe
- MA861** Spare membrane (5 pcs)



Ordering Information

MW605 portable meter is delivered in a rugged carrying case and is supplied with: MA860 Dissolved Oxygen and Temperature galvanic probe, MA861 Dissolved Oxygen membrane with o-ring (2 pcs.), MA9072S Oxygen electrolyte solution, Probe protective cap, 1.5V alkaline AA battery (3 pcs.), Micro USB cable, Instrument quality certificate and Instruction manual.

Hard Carrying Case

MW605 MAX is supplied complete in a hard carrying case complete with a D.O. probe, spare membranes, calibration solution, battery, micro USB cable and instructions.

