

Mi605

Portable D.O. Meter for Field Applications

Mi605 is a portable, microprocessor-based, Dissolved Oxygen meter with automatic calibration and temperature compensation (ATC) specifically designed for spot sampling applications.

Dissolved Oxygen measurements can be displayed in parts per million (ppm=mg/L) or in % of saturation.

The temperature is indicated in Celsius from 0 to 50°C with 0.1 resolution. The meter compensates salinity and altitude automatically after manual input.

Calibration is very simple and fast: just expose the polarographic Dissolved Oxygen probe MA840, supplied with the instrument, to air and press the CAL button. No need for chemical solutions!

A HOLD button allows the user to freeze the reading on the LCD.

The low battery indicator and the easy to replace screw on cap membranes make the Mi605 a compact instrument and ideal for all applications: aquaculture, wastewater, environmental and educational.



Specifications	Mi605
Range	O ₂ 0.0 to 45.00 mg/L (ppm) % Saturation O ₂ 0.0 to 300% Temp 0.0 to 50.0°C / 32 to 122°F
Resolution	O ₂ 0.01 mg/L (ppm) % Saturation O ₂ 0.1% Temp 0.1°C
Accuracy	O ₂ ±1.5% Full Scale % Saturation O ₂ ±1.5% Full Scale Temp ±0.5°C
Typical EMC Deviation	O ₂ ±0.3 mg/L (ppm) % Saturation O ₂ ±3.5% Temp ±0.5°C
Calibration	automatic in saturated air
Temperature Compensation	automatic, from 0 to 50°C / 32 to 122°F
Altitude Compensation	0 to 4000 m; 100 m resolution
Salinity Compensation	0 to 80 g/L; 1 g/L resolution
Probe	MA840 (included)
Environment	0 to 50°C / 32 to 122°F; max RH 100%
Battery Type	1 x 9V alkaline (included)
Battery Life	approx. 100 hours of use
Auto-off	after 4 hours of non-use
Dimensions	200 x 85 x 50 mm
Weight	280 g (with battery)

Hard Carrying Case

Mi605 is supplied complete in a hard carrying case complete with a D.O. probe, spare membranes, calibration solutions, battery and instructions.



Accessories

- MA9071** Refilling Electrolyte solution, 230 mL bottle
- MA841** Spare membrane (5 pcs)
- MA840** D.O. Probe



Ordering Information

Mi605 is supplied complete with MA840 polarographic D.O. probe with 3 meters cable, 2 spare membranes, 20 mL bottle of electrolyte solution, rugged carrying case, 9V battery and instructions.