

# Dissolved Oxygen



## 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 <sub>2</sub>	0.0 to 45.00 mg/L (ppm)
	% Saturation O <sub>2</sub>	0.0 to 300%
	Temp	0.0 to 50.0°C / 32 to 122°F
Resolution	O <sub>2</sub>	0.01 mg/L (ppm)
	% Saturation O <sub>2</sub>	0.1%
	Temp	0.1°C
Accuracy	O <sub>2</sub>	±1.5% Full Scale
	% Saturation O <sub>2</sub>	±1.5% Full Scale
	Temp	±0.5°C
Typical EMC Deviation	O <sub>2</sub>	±0.3 mg/L (ppm)
	% Saturation O <sub>2</sub>	±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
Packaging dimensions		305 x 280 x 115 mm
Packaging weight		1.44 kg

### 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.



### Ordering Information

**Mi605** is supplied complete with MA840 polarographic D.O. probe with 4 meters cable, 2 spare membranes, 20 mL bottle of electrolyte solution, rugged carrying case, 9V battery and instructions.

### Accessories

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

