

Portable Dissolved Oxygen Meters

Specifications	Mi605	MW600
Range	O ₂ 0.0 to 45.00 mg/L %Saturation O ₂ 0.0 to 300% Temp. 0.0 to 50.0°C	0.0 to 19.9 mg/L
Resolution	O ₂ 0.01 mg/L %Saturation O ₂ 0.1% Temp. 0.1°C	0.1 mg/L
Accuracy (@25°C)	O ₂ ±1.5% Full Scale %Saturation O ₂ ±1.5% Full Scale Temp. ±0.5°C	±1.5% Full Scale
Typical EMC Deviation	O ₂ ±0.3 mg/L %Saturation O ₂ ±3.5% Temp. ±0.5°C	
Calibration	automatic in saturated air	manual on 2 points
Temperature Compensation	automatic from 0 to 50°C	automatic from 0 to 50°C
Altitude Compensation	0 to 4000m 100 m resolution	
Salinity Compensation	0 to 80 g/L 1 g/L resolution	
Probe	MA840 (included)	MA840 (included)
Environment	0 to 50°C; max RH 100%	0 to 50°C; max RH 95%
Battery type	1x9V alkaline (included)	1x9V alkaline (included)
Battery life	approx. 100h of use	approx. 70h of use
Auto-off	after 4h of non use	
Dimensions	200 x 85 x 50 mm	145 x 80 x 40 mm
Weight	280 g (with battery)	220 g (with battery)



Mi605 is a portable, microprocessor-based, Dissolved Oxygen meter with automatic calibration and temperature compensation (ATC) specifically designed for spot sampling applications. **Mi605** is supplied in a hard carrying case with a D.O. probe, spare membranes, calibration solutions, battery and instructions.

The **MW600** is a compact Portable Dissolved Oxygen meter with Faster Micro Processor. This handy and ergonomically designed portable meter is ideal for anyone working on a low budget and still requires fast and reliable measurements. **MW600** is supplied complete with **MA840** probe, 5 spare membranes, calibration solutions, battery and instructions.

Portable LUX Meter

Specifications	MW700 LUX Meter
Range	0.000 to 1999 Lux 2000 to 19999 Lux 20000 to 50000 Lux
Range setting	manual through key buttons
Resolution	1 Lux 10 Lux 100 Lux
Accuracy	±6% of reading ±1 digit
Peak wave length	560 nm
Sensor type	silicon photodiode
Sensor stability	±2% change per year
Environment	0 to 50°C; max RH 95%
Battery type	1x9V alkaline
Battery life	approx. 150h of use
Weight	270 g (with sensor)

MW700 is a portable Lux meter designed to perform light measurements with Faster Micro Processor, has a smaller, ergonomic and lighter case design. Other features include 100% larger and easier to read LCD Display and long battery life.



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Milwaukee

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Portable Meters

pH
ORP
EC
TDS
NaCl
D.O.
LUX
Temp



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Portable pH and Temperature Meters

Specifications	MW100	MW101	MW102	MW500
Range	pH 0.0 to 14.0 pH Temp. 0.00 to 14.00 pH ORP -2.00 to 16.00 pH	0.00 to 14.00 pH	-2.00 to 16.00 pH -5 to 70°C	±1000mV
Resolution	pH 0.1 pH Temp. 0.01 pH ORP 0.1°C	0.01 pH	0.01 pH 0.1°C	1 mV
Accuracy (@25°C)	pH ±0.2 pH Temp. ±0.02 pH ORP ±0.5°C	±0.02 pH	±0.02 pH ±0.5°C	±5mV
Typical EMC Deviation	pH Temp.		±0.02 pH ±0.5°C	
Temperature Compensation	manual 0 to 50°C	manual 0 to 50°C	automatic 0 to 70°C	
Calibration	manual 2 points	manual 2 points	automatic 1 or 2 points	
Electrode (incl.)	SE220	SE220	SE220	SE300
Temp. Probe (incl.)			MA830R	
Environment	0 to 50°C max RH 95%	0 to 50°C max RH 95%	0 to 50°C max RH 95%	0 to 50°C max RH 95%
Battery (included)	1x9V alkaline	1x9V alkaline	1x9V alkaline	1x9V alkaline
Battery life	approx. 300h	approx. 300h	approx. 300h	approx. 300h
Auto-off			after 8 minutes	
Dimensions	145x80x40 mm	145x80x40 mm	145x80x40 mm	145 x 80 x 40 mm
Weight	220 g (with bat.)	220 g (with bat.)	220 g (with bat.)	220 g (with bat.)

MW100, MW101 and MW102 are compact pH and Temperature Portable Meters with Faster Micro Processor. These handy and ergonomically designed portable meters are ideal for anyone working on a low budget and still requires fast and reliable measurements. These portable meters are suitable for a wide range of applications, such as Educational, Agriculture and Horticulture, as well as water and environmental analysis.

All these meters are supplied with a SE220 pH electrode, calibration solutions, 9V battery and instructions.

MW500 is a compact ORP meter with Faster Micro Processor. This handy and ergonomically designed portable meter is ideal for anyone working on a low budget and still requires fast and reliable measurements.

MW500 is supplied complete with a SE300 platinum electrode, 9V battery and instructions.

Portable Conductivity & TDS Meters

Specifications	MW301	MW302
Range	0 to 1900 µS/cm	0.0 to 10.0 mS/cm
Resolution	10 µS/cm	0.1 mS/cm
Accuracy (@25°C)	±2% Full Scale	±2 Full Scale
Calibration	1413 µS/cm	1413 µS/cm
Solutions (incl.)	(M10031B)	(M10031B)
Conductivity probe	SE510 (included)	SE520 (included)
Temperature Compensation	automatic from 5 to 50°C	automatic from 5 to 50°C
Environment	0 to 50°C max RH 95%	0 to 50°C max RH 95%
Battery (included)	1x9V alkaline	1x9V alkaline
Battery life	approx. 300h	approx. 300h
Dimensions	145x80x40 mm	145x80x40 mm
Weight	220 g (with battery)	220 g (with battery)

MW300, MW301, MW401 and MW402 are compact Conductivity and TDS Portable Meters with Faster Micro Processor. These handy and ergonomically designed portable meters are ideal for anyone working on a low budget and still requires fast and reliable measurements.

These portable meters are suitable for a wide range of applications, such as Educational, Agriculture and Horticulture, as well as water and environmental analysis.

Each meter is supplied complete with Conductivity/TDS probe with 1 meter cable, calibration solution, 9V battery and instructions.

Specifications	MW401	MW402
Range	0 to 1900 mg/L (ppm)	0.0 to 10.0 g/L (ppt)
Resolution	10 mg/L (ppm)	0.1 g/L (ppt)
Accuracy (@25°C)	±2% Full Scale	±2 Full Scale
Conversion Factor	0.5	0.5
Calibration	1382 mg/L	6.44 g/L
Solutions (incl.)	(M10032B)	(M10038B)
Conductivity probe	SE510 (included)	SE520 (included)
Temperature Compensation	automatic from 5 to 50°C	automatic from 5 to 50°C
Environment	0 to 50°C max RH 95%	0 to 50°C max RH 95%
Battery (included)	1x9V alkaline	1x9V alkaline
Battery life	approx. 300h	approx. 300h
Dimensions	145x80x40 mm	145x80x40 mm
Weight	220 g (with battery)	220 g (with battery)



Automatic & Logging EC/TDS/NaCl/Temp Meter

Specifications	Mi306
Range	EC 0.00 to 29.99 µS/cm; 30.0 to 299.9 µS/cm; 300 to 2999 µS/cm; 3.00 to 29.99 mS/cm; 30.0 to 200.0 mS/cm; up to 500.0 mS/cm TDS 0.00 to 14.99 mg/L; 15.0 to 149.9 mg/L; 150 to 1499 mg/L; 1.50 to 14.99 g/L; 15.0 to 100.0 g/L; up to 400.0 g/L NaCl 0.0 to 400.0% Temp 0.0 to 60.0°C
Resolution	EC 0.01 µS/cm; 0.1 µS/cm; 1 µS/cm; 0.01 mS/cm; 0.1 mS/cm TDS 0.01 mg/L; 0.1 mg/L; 1 mg/L; 0.01 g/L NaCl 0.1% Temp 0.1°C
Accuracy	EC ±1% of reading TDS ±1% of reading NaCl ±1% of reading Temp ±0.4°C
Typical EMC Deviation	EC ±1% of reading TDS ±1% of reading NaCl ±1% of reading Temp ±0.1°C
Logging	up to 250 records
Communication	with PC through RS232 port
EC Calibration	1 point with 7 memorized buffers: 84 µS/cm; 1413 µS/cm; 5000 µS/cm; 8000 µS/cm; 11180 µS/cm
NaCl Calibration	1 point with MA9066 buffer
Temperature Comp.	automatic or manual from 0 to 60°C
Temperature Coefficient	0.00 to 6.00%/°C Default value is 1.90%/°C
TDS Factor	0.40 to 0.80 (default value is 0.50) reference temperature: 20 or 25°C
Probe	MA814D/1
Auto-off	after 5 minutes of non use
Environment	0 to 50°C; max RH 100%
Battery type	1x9V alkaline
Battery life	approx. 100h of use
Dimensions	200 x 85 x 50 mm
Weight	280 g

Portable pH, ORP and Temp Meters

Specifications	Mi105	Mi106
Range	pH -2.00 to 16.00 pH mV -5.0 to 105.0°C Temp	-2.00 to 16.00 pH -2000 to +2000 mV -5.0 to 105.0°C
Resolution	pH 0.01 pH mV 1 mV Temp 0.1°C	0.01 pH 1 mV 0.1°C
Accuracy (@25°C)	pH ±0.02 pH mV ±2 mV Temp ±0.2°C	±0.02 pH ±2 mV ±0.5°C up to 60°C ±1°C outside
Typical EMC Deviation	pH ±0.02 pH mV ±0.2°C Temp	±0.02 pH ±2 mV ±0.2°C
Temperature Compensation	automatic from -5 to 80°C	automatic from -5 to 80°C
pH Calibration	automatic 1 or 2 points	automatic 1 or 2 points
Probe (included)	MA914BR/1	MA923D/1
Environment	0 to 50°C max RH 100%	0 to 50°C max RH 95%
Battery (included)	1x9V alkaline	1x9V alkaline
Battery life	approx. 500h	approx. 500h
Dimensions	200x85x50 mm	200x85x50 mm
Weight	260 g (with battery)	260 g (with battery)

Mi105 is an extended range pH and Temperature Meter in a compact casing. The Mi106 multi parameter portable meter is ideal for field measurements. The included electrodes have a built-in temperature sensor and amplifier to prevent electrical interference. The large display shows readings in an extended range pH and simultaneously shows temperature.

Mi306 is a waterproof portable logging microprocessor-based Conductivity/TDS/NaCl/Temperature meter. The autoranging feature of the EC and TDS ranges automatically sets the meter to the scale with the highest possible resolution. The Hold feature automatically freezes the display when a stable reading is reached. The measurements are automatically or manually compensated for temperature.

Mi105, Mi106 and Mi306 are supplied in a hard carrying case complete with probe, calibration solutions, battery and instructions.

MW801 and MW802 are compact Portable Meters with Faster Micro Processor. These meters allow you to measure pH, EC and TDS with just one instrument and one single probe. These easier and faster to calibrate portable meters have a smaller, ergonomic and lighter case design. Other features include 100% larger and easier to read LCD display and long battery life.

Mi805 and Mi806 measure 4 parameters with one single probe. These portable meters offer you a combination of pH, Conductivity, total dissolved solids and temperature measurements. You can select a range of calibration buffers and also the temperature scale can be selected. Other features include different TDS factors from 0.45 to 1.00 and a range of temperature coefficients from 0.0 to 2.4% for greater consistency and reproducibility. Mi805 and Mi806 are supplied complete with probe, calibration solutions, battery and instructions in a rugged carrying case.

Portable pH/EC/TDS/Temp Meters

Specifications	MW801	MW802	Mi805	Mi806
Range	pH 0.0 to 14.0 pH EC 0 to 1990 µS/cm TDS 0 to 1990 ppm Temp.	0.00 to 14.00 pH 0.00 to 6.00 mS/cm 0 to 4000 ppm	0.00 to 14.00 pH 0 to 3999 µS/cm 0 to 1999 ppm 0.0 to 60.0°C	0.00 to 14.00 pH 0.00 to 20.00 mS/cm 0.0 to 10.00 ppt 0.0 to 60.0°C
Resolution	pH 0.1 pH EC 10 µS/cm TDS 10 ppm Temp.	0.10 pH 0.1 mS/cm 10 ppm	0.01 pH 1 µS/cm 1 ppm 0.1°C	0.01 pH 0.1 mS/cm 0.01 ppt 0.1°C
Accuracy (@25°C)	pH ±0.2 pH EC/TDS ±2% Full Scale Temp.	±0.20 pH ±2% Full Scale	±0.01 pH ±2% Full Scale ±0.5°C	±0.01 pH ±2% Full Scale ±0.5°C
Typical EMC Deviation	pH ±0.02 pH EC/TDS ±2% Full Scale Temp. ±0.5°C		±0.02 pH ±2% Full Scale ±0.5°C	±0.02 pH ±2% Full Scale ±0.5°C
Calibration Solutions	M10007 M10032 M10031	M10007 M10442 M10031		
Conversion Factor	0.5	0.68	adj. from 0.45 to 1.00	adj. from 0.45 to 1.00
Temperature Compensation	automatic 0 to 50°C	automatic 0 to 50°C	automatic 0 to 60°C	automatic 0 to 60°C
pH Calibration	manual 1 point	manual 1 point	automatic 1 or 2 points	automatic 1 or 2 points
EC Calibration	manual 1 point	manual 1 point	automatic 1 point	automatic 1 point
Probe (included)	SE600	SE600	MA851D/1	MA851D/1
Environment	0 to 50°C max RH 95%	0 to 50°C max RH 95%	0 to 50°C max RH 100%	0 to 50°C max RH 100%
Battery (included)	1x9V alkaline	1x9V alkaline	1x9V alkaline	1x9V alkaline
Battery life	approx. 300h	approx. 300h	approx. 300h	approx. 300h
Auto-off	after 8 minutes	after 8 minutes	after 8 minutes	after 8 minutes
Dimensions	185x82x45 mm	185x82x45 mm	200x85x50 mm	200x85x50 mm
Weight	165 g (with bat.)	165 g (with bat.)	260 g (with bat.)	260 g (with bat.)

