MILWAUKEE

Mi106

Portable pH/ORP/Temp Meter

Extended Range pH/ORP/Temperature Meter

The **Mi106** multi parameter portable meter is ideal for field measurements.
The included combined pH/ORP electrode has a built-in temperature sensor and amplifier to prevent electrical interference.
The large display shows readings in an extended range from -2.00 to 16.00 pH or ±2000 mV and simultaneously shows temperature from -5.0 to 105.0°C or 23 to 221°F.

The **Mi106** has a stability indicator and hold feature that freezes the display for easy and accurate recording.
The large display also has graphic symbols to guide you through all operations.
When switched ON it performs a self-check and displays the percentage of the remaining battery level to assure proper working condition.

Calibration is performed automatically at 1 or 2 points using standard (pH 4.01, 7.01, 10.01) or NIST buffers (pH 4.01, 6.86, 9.18).

Specifications		Mi106
Range (*)	pH	-2.00 to 16.00 pH
	mV	-2000 to +2000 mV
	Temp	-5.0 to 105.0°C / 23.0 to 221.0°F
Resolution	pH	0.01 pH
	mV	1 mV
	Temp	0.1°C / 0.1°F
Accuracy (@25°C)	pH	±0.02 pH
	mV	±2 mV
	Temp	±0.5°C up to 60°C; ±1°C outside / ±1°F up to 140°F; ±2°F outside
Typical EMC Deviation	pH	±0.02 pH
	mV	±2 mV
	Temp	±0.2°C / ±0.4°C
Temperature Compensation		automatic, from -5 to 80°C / 23 to 176°F
pH Calibration		automatic, 1 or 2 points with 2 sets of memorized buffers (pH 4.01, 7.01, 10.01 or 4.01, 6.86, 9.18)
ORP Calibration		factory calibrated
Probe		**MA923D/1**, amplified pH/ORP/temperature probe (included)
Environment		0 to 50°C / 32 to 122°F; max RH 95%
Battery Type		1 x 9V alkaline (included)
Battery Life		approx. 500 hours of use
Auto-off		after 8 minutes of non-use
Dimensions		200 x 85 x 50 mm
Weight		260 g (with battery)

(*) The temperature range is limited to 80°C (176°F) if using the MA923D/1 probe.

Hard Carrying Case

Each meter is supplied in a hard carrying case ideal for field measurements.

Accessories

MA923D/1 Combination amplified pH/ORP/Temp probe with DIN connector and 1 m cable
M10000B Electrode rinse solution, 20 mL sachet (25 pcs)
M10004B 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
MA9007 pH 7.01 buffer solution, 230 mL bottle
MA9015 Electrode storage solution, 230 mL
MA9016 Electrode cleaning solution, 230 mL

Ordering Information

Mi106 is supplied complete with MA923D/1 pH/ORP/Temp amplified probe with 1 meter cable, 20 mL pH 4.01 and 7.01 sachet of calibration solution, 2x20 mL sachet of electrode cleaning solutions, 9V battery, instructions, all in a rugged carrying case.

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