



Portable pH/EC/TDS/Temperature Meters

Measures 4 parameters with 1 single probe.

Mi805 and **Mi806** offer you a combination of pH, Conductivity, total dissolved solids and temperature measurements.

You can select from a range of calibration buffers and also the temperature scale (°C or °F) can be selected.

The multi-parameter probe MA851D/1, includes pH/EC/TDS and temperature, all in one rugged handle.

Other features include different TDS factors from 0.45 to 1.00, and a range of temperature coefficients (β) from 0.0 to 2.4% for greater consistency and reproducibility.

The Stability Indicator prompts the user when the reading stabilizes.

The Auto-Hold Function automatically freezes reading for later viewing. Large and Easy-to-Read display provides simultaneous readings of pH and Temperature or EC/TDS and temperature.



Specifications

		Mi805	Mi806
Range	pH	0.00 to 14.00 pH	0.00 to 14.00 pH
	EC	0 to 3999 µS/cm	0.00 to 20.00 mS/cm
	TDS	0 to 1999 ppm	0.00 to 10.00 ppt
	Temp.	0.0 to 60.0°C / 32.0 to 140.0°F	0.0 to 60.0°C / 32.0 to 140.0°F
Resolution	pH	0.01 pH	0.01 pH
	EC	1 µS/cm	0.1 mS/cm
	TDS	1 ppm	0.01 ppt
	Temp.	0.1°C / 0.1°F	0.1°C / 0.1°F
Accuracy (@25°C)	pH	±0.01 pH	±0.01 pH
	EC/TDS	±2% Full Scale	±2% Full Scale
	Temp.	±0.5°C / ±1°F	±0.5°C / ±1°F
Typical EMC Deviation	pH	±0.02 pH	±0.02 pH
	EC/TDS Temp.	±2% Full Scale ±0.5°C / ±1°F	±2% Full Scale ±0.5°C / ±1°F
Temperature Compensation		automatic from 0 to 60°C with β adj. from 0.0 to 2.4%/°C	automatic from 0 to 60°C with β adj. from 0.0 to 2.4%/°C
pH Calibration		automatic, 1 or 2 points with automatic buffer recognition	automatic, 1 or 2 points with automatic buffer recognition
EC Calibration		automatic, 1 point	automatic, 1 point
EC/TDS Conversion Factor		adj. from 0.45 to 1.00	adj. from 0.45 to 1.00
Probe		MA851D/1 amplified pH/EC/TDS/Temperature probe with DIN connector and 1 m cable (included)	MA851D/1 amplified pH/EC/TDS/Temperature probe with DIN connector and 1 m cable (included)
Environment		0 to 50°C / 32 to 122°F max RH 100%	0 to 50°C / 32 to 122°F max RH 100%
Battery Type		1 x 9V alkaline (included)	1 x 9V alkaline (included)
Battery Life		approx. 300 hours	approx. 300 hours
Auto-off		after 8 minutes of non-use	after 8 minutes of non-use
Dimensions		200 x 85 x 50 mm	200 x 85 x 50 mm
Weight		260 g (with battery)	260 g (with battery)

Accessories



MA851D/1 Amplified pH/EC/TDS/Temperature probe with DIN connector and 1 m cable

MA9004 pH 4.01 buffer solution, 230 mL bottle

MA9006 pH 6.86 buffer solution, 230 mL bottle

MA9007 pH 7.01 buffer solution, 230 mL bottle

MA9009 pH 9.18 buffer solution, 230 mL bottle

MA9010 pH 10.01 buffer solution, 230 mL bottle

MA9015 Probe storage solution, 230 mL

MA9016 General cleaning solution, 230 mL

MA9060 12880 µS/cm solution, 230 mL

MA9061 1413 µS/cm solution, 230 mL

M10000B Rinse solution, 20 mL (25 pcs.)

Ordering Information

Mi805 is supplied complete with MA851D/1 pH/EC/TDS/Temp amplified probe with 1 meter cable, 2x20 mL pH 4.01 and pH 7.01 sachet of calibration solutions, 2x20 mL sachet of electrode cleaning solutions, rugged carrying case, 9V battery and instructions.

Mi806 is supplied complete with MA851D/1 pH/EC/TDS/Temp amplified probe with 1 meter cable, 2x20 mL pH 4.01 and pH 7.01 sachet of calibration solutions, 2x20 mL 12880 µS/cm sachet of calibration solutions, 2x20 mL sachet of electrode cleaning solutions, rugged carrying case, 9V battery and instructions.