

# Mi805/Mi806

## 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.



- Years warranty **2**
- ATC
- Points **2**
- Dual Display
- MULTI
- Self diagnostics
- CE

Specifications		Mi805	Mi806
Range	pH EC TDS Temp	0.00 to 14.00 pH 0 to 3999 μS/cm 0 to 1999 ppm 0.0 to 60.0°C / 32.0 to 140.0°F	0.00 to 14.00 pH 0.00 to 20.00 mS/cm 0.00 to 10.00 ppt 0.0 to 60.0°C / 32.0 to 140.0°F
Resolution	pH EC TDS Temp	0.01 pH 1 μS/cm 1 ppm 0.1°C / 0.1°F	0.01 pH 0.1 mS/cm 0.01 ppt 0.1°C / 0.1°F
Accuracy (@25°C)	pH EC/TDS Temp	±0.01pH ±2% Full Scale ±0.5°C / ±1°F	±0.01 pH ±2% Full Scale ±0.5°C / ±1°F
Typical EMC Deviation	pH EC/TDS Temp	±0.02 pH ±2% Full Scale ±0.5°C / ±1°F	±0.02 pH ±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-point with automatic buffer recognition	automatic, 1 or 2-point 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		<b>MA851D/1</b> amplified pH/EC/TDS/Temperature probe with DIN connector and 1 m cable (included)	<b>MA851D/1</b> 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 sachets of calibration solution, 2x20 mL 1413 μS/cm sachets 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 sachets of calibration solution, 2x20 mL 12880 μS/cm sachets of calibration solutions, 2x20 mL sachet of electrode cleaning solutions, rugged carrying case, 9V battery and instructions.