

Mi805/ Mi806 Portable pH/EC/TDS/Temperature Meters

Ordering Information

Mi805 is supplied complete with MA851D/1 pH/EC/TDS/Temp amplified probe with 1 meter cable, 2 x 20 mL pH 4.01 and pH 7.01 sachets of calibration solution, 2 x 20 mL 1413 μ S/cm sachets of calibration solutions, 2 x 20 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, 2 x 20 mL pH 4.01 and pH 7.01 sachets of calibration solutions, 2 x 20 mL 12880 μ S/cm sachets of calibration solutions, 2 x 20 mL sachet of electrode cleaning solutions, rugged carrying case, 9V battery and instructions.



Specifications	Mi805	Mi806
Range	<p>pH 0.00 to 14.00 pH</p> <p>EC 0 to 3999 μS/cm</p> <p>TDS 0 to 1999 ppm</p> <p>Temp 0.0 to 60.0°C / 32.0 to 140.0°F</p>	<p>0.00 to 14.00 pH</p> <p>0.00 to 20.00 mS/cm</p> <p>0.00 to 10.00 ppt</p> <p>0.0 to 60.0°C / 32.0 to 140.0°F</p>
Resolution	<p>pH 0.01 pH</p> <p>EC 1 μS/cm</p> <p>TDS 1 ppm</p> <p>Temp 0.1°C / 0.1°F</p>	<p>0.01 pH</p> <p>1 mS/cm</p> <p>1 ppt</p> <p>0.1°C / 0.1°F</p>
Accuracy (@25°C)	<p>pH \pm0.01pH</p> <p>EC/TDS \pm2% Full Scale</p> <p>Temp \pm0.5°C / \pm1°F</p>	<p>\pm0.01pH</p> <p>\pm2% Full Scale</p> <p>\pm0.5°C / \pm1°F</p>
Typical EMC Deviation	<p>pH \pm0.02pH</p> <p>EC/TDS \pm2% Full Scale</p> <p>Temp \pm0.5°C / \pm1°F</p>	<p>\pm0.02pH</p> <p>\pm2% Full Scale</p> <p>\pm0.5°C / \pm1°F</p>
Temperature Compensation	automatic from 0 to 60°C with β adj. from 0.0 2.4%/°C	automatic from 0 to 60°C with β adj. from 0.0 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	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

- MA851/1** 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 bottle
- MA9016** General cleaning solution, 230 mL
- MA9060** 12880 μ S/cm solution, 230 mL
- MA9061** 1413 μ S/cm solution, 230 mL
- M10000B** Rinse solution, 20 mL (25 pcs.)

