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- AUTO Buffer
- Dual Display
- Self diagnostics
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- Electrode Replaceable



pH/EC/TDS/Temp Sensor

The MW803 MAX and MW804 MAX's exposed temperature sensor provides fast response time, and its proximity to the conductivity probe guarantees much more accurate temperature compensated readings.

MW803 MAX/MW804 MAX

pH/Conductivity/TDS/Temperature Testers with replaceable electrode

The MW803 MAX and MW804 MAX are water-resistant testers with dual-level LCD that measure pH/Conductivity/TDS/Temperature in one single tester!

The large display shows readings in an extended range from 0.00 to 14.00 pH and 0 to 3999 $\mu\text{S}/\text{cm}$, 0 to 2000 ppm (MW803), 0 to 20.00 mS/cm, 0 to 10.00 ppt (MW804) and simultaneously shows temperature from 0.0 to 50.0°C or 32.0 to 122.0°F. They have a stability indicator and hold function that freezes the display for easy and accurate recording. The large display also has graphic symbols to guide you through all operations. The EC/TDS conversion factor is user selectable as well as the temperature compensation coefficient (β).

Ideal for quick and accurate measurements in swimming pools, aquariums and horticultural applications they can also be used in Industrial and Laboratory applications such as cooling towers, food processing, plating, drinking and waste water etc.

Specifications	MW803 MAX	MW804 MAX
Range	pH 0.00 to 14.00 pH EC 0 to 3999 $\mu\text{S}/\text{cm}$ TDS 0 to 2000 ppm Temp. 0.0 to 50.0°C / 32.0 to 122.0°F	0.00 to 14.00 pH 0 to 20.00 mS/cm 0 to 10.00 ppt 0.0 to 50.0°C / 32.0 to 122.0°F
Resolution	pH 0.01 pH EC 1 $\mu\text{S}/\text{cm}$ TDS 1 ppm Temp. 0.1°C / 0.1°F	0.01 pH 0.01 mS/cm 0.01 ppt 0.1°C / 0.1°F
Accuracy (@25°C)	pH ± 0.05 pH EC/TDS $\pm 2\%$ Full scale Temp. $\pm 0.5^\circ\text{C} / \pm 1^\circ\text{F}$	± 0.05 pH $\pm 2\%$ Full scale $\pm 0.5^\circ\text{C} / \pm 1^\circ\text{F}$
Temperature Compensation	automatic with $\beta=0.0$ to 2.4%/°C	automatic with $\beta=0.0$ to 2.4%/°C
Calibration	automatic, 1 point for EC and 1 or 2 points for pH	automatic, 1 point for EC and 1 or 2 points for pH
TDS Factor	0.45 to 1.00 (conv.)	0.45 to 1.00 (conv.)
Probe	Mi60P (replaceable)	Mi60P (replaceable)
Environment	0 to 50°C; 100% RH max.	0 to 50°C; 100% RH max.
Battery Type	4 x 1.5V; IEC LR44, A76 (included)	4 x 1.5V; IEC LR44, A76 (included)
Battery Life	approx. 100 hours of use	approx. 100 hours of use
Auto-off	after 8 minutes of non-use	after 8 minutes of non-use
Packaging dimensions	254 x 67 x 47 mm	254 x 67 x 47 mm
Packaging weight	220 g	220 g

Accessories

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|---|---|
| Mi60P Replaceable probe for MW803 & MW804 | M10038B 6.44 ppt (g/L) calibration solution, 20 mL sachet, (25 pcs) |
| M10000B Rinse solution, 20 mL sachet (25 pcs) | MA9004 pH 4.01 buffer solution, 230 mL bottle |
| M10004B pH 4.01 buffer solution 20 mL sachet (25 pcs) | MA9006 pH 6.86 buffer solution, 230 mL bottle |
| M10007B pH 7.01 buffer solution 20 mL sachet (25 pcs) | MA9007 pH 9.18 buffer solution, 230 mL bottle |
| M10010B pH 10.01 buffer solution 20 mL sachet (25 pcs) | MA9010 pH 10.01 buffer solution, 230 mL bottle |
| M10016B Cleaning solution, 20 mL sachet (25 pcs) | MA9015 Electrode storage solution, 230 mL |
| M10030B 12880 $\mu\text{S}/\text{cm}$ calibration solution, 20 mL sachet, 25 pcs | MA9060 12880 $\mu\text{S}/\text{cm}$ calibration solution, 230 mL bottle |
| M10031B 1413 $\mu\text{S}/\text{cm}$ calibration solution, 20 mL sachet, 25 pcs | MA9061 1413 $\mu\text{S}/\text{cm}$ calibration solution, 230 mL bottle |
| M10032B 1382 ppm (mg/L) calibration solution, 20 mL sachet, (25 pcs) | MA9062 1382 ppm calibration solution, 230 mL bottle |
| | MA753 Hard carrying case for 2 testers |

Packaging Information

MW803 MAX and MW804 MAX is supplied in a carton box. Optionally the MA753 hard carrying case can be purchased.

Ordering Information

MW803 MAX and MW804 MAX is supplied complete with protective cap, 20 mL pH 4.01 and pH 7.01 sachets of calibration solution, 20 mL 1413 $\mu\text{S}/\text{cm}$ calibration solution (MW803 MAX), 20 mL 12880 $\mu\text{S}/\text{cm}$ calibration solution (MW804 MAX), batteries and instructions.



Replaceable probe

Replace the probe in a fast and simple way yourself! Just unscrew the plastic ring on the top of the probe and replace the probe with a new one.

Battery life

Percentage of battery power remaining will be displayed upon startup.

