

MW306 MAX

Automatic & Logging EC/TDS/NaCl/Temperature Meter

- Years warranty 2
- LOG
- USB
- ATC
- MTC
- Self diagnostics
- CE
- IP67
- GLP



MW306 MAX is a waterproof and portable meter with a user-friendly interface. Designed to measure four different parameters – EC, TDS, percentage of salinity in psu (NaCl%) and temperature – the meter is suitable for multiple applications.

- IP67 waterproof casing
- Data logging: 1000 logs can be stored in the built-in memory including readings, GLP data, date and time
- Different logging methods: manual log-on-demand (max. 200 logs); manual log-on-stability (max. 200 logs) and interval log (max. 600 samples; 100 lots)
- auto-ranging feature for both EC and TDS measurements automatically sets the most suitable resolution for the tested sample.
- GLP data review and the data can be transferred to a PC through a USB port.

Hard Carrying Case

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



Specifications	MW306 MAX
Range	<p>EC 0.00 to 29.99 $\mu\text{S/cm}$; 30.0 to 299.9 $\mu\text{S/cm}$; 300 to 2999 $\mu\text{S/cm}$; 3.00 to 29.99 mS/cm; 30.0 to 200.0 mS/cm; up to 500.0 mS/cm absolute EC*</p> <p>TDS 0.00 to 14.99 mg/L; 15.0 to 149.9 mg/L; 150 to 1499 mg/L; 1.50 to 14.99 g/L; 15.0 to 100.0 g/L; up to 400.0 g/L absolute (*) TDS (with 0.80 factor)</p> <p>Salinity 0.0 to 400.0 % NaCl 2.00 to 42.00 PSU</p> <p>Temp 0.00 to 80.00 $^{\circ}\text{C}$ -20.0 to 120.0 $^{\circ}\text{C}$; -4.0 to 248.0 $^{\circ}\text{F}$</p>
Resolution	<p>EC 0.01 $\mu\text{S/cm}$; 0.1 $\mu\text{S/cm}$; 1 $\mu\text{S/cm}$; 0.01 mS/cm; 0.1 mS/cm</p> <p>TDS 0.01 mg/L; 0.1 mg/L; 1 mg/L; 0.01 g/L; 0.1 g/L</p> <p>Salinity 0.1% NaCl; 0.01 PSU; 0.01 g/L</p> <p>Temp 0.1 $^{\circ}\text{C}$; 0.1 $^{\circ}\text{F}$</p>
Accuracy (@ 25 $^{\circ}\text{C}$ / 77 $^{\circ}\text{F}$)	<p>EC $\pm 1\%$ of reading ($\pm 0.05 \mu\text{S/cm}$ or 1 digit, whichever is greater)</p> <p>TDS $\pm 1\%$ of reading ($\pm 0.03 \text{ ppm}$ or 1 digit, whichever is greater)</p> <p>Salinity $\pm 1\%$ of reading</p> <p>Temp $\pm 0.5 \text{ }^{\circ}\text{C}$; $\pm 0.9 \text{ }^{\circ}\text{F}$</p>
Calibration	<p>EC/TDS Single cell factor calibration 6 standards: 84 $\mu\text{S/cm}$, 1413 $\mu\text{S/cm}$, 5.00 mS/cm, 12.88 mS/cm, 80.0 mS/cm, 111.8 mS/cm one-point offset: 0.00 $\mu\text{S/cm}$ one-point with MA9066 Salinity calibration solution</p> <p>Salinity MA9066 Salinity calibration solution</p>
Temperature Compensation	<p>ATC – automatic, from -5 to 100 $^{\circ}\text{C}$ (23 to 212 $^{\circ}\text{F}$)</p> <p>MTC – manual, from -20 to 120 $^{\circ}\text{C}$ (23 to 212 $^{\circ}\text{F}$)</p> <p>NO TC – without temperature compensation</p>
Temperature Coefficient	0.00 to 6.00 % / $^{\circ}\text{C}$ (EC & TDS only) Default value: 1.90 % / $^{\circ}\text{C}$
TDS Factor	0.40 to 0.80 Default value: 0.50
EC Probe	MA815D/1
Log	<p>Max. 1000 log records (stored in up to 100 lots)</p> <p>On demand, 200 logs / On stability, 200 logs / Interval logging, 1000 logs</p>
PC connectivity	1 micro USB port
Power supply	12 VDC adapter (included)
Battery life	Approx. 200 hours of use
Auto-off	5, 10, 30, 60 minutes or off
Environment	0 to 50 $^{\circ}\text{C}$; max RH 95%
Casing	IP67
Packaging dimensions	305 x 280 x 115 mm
Packaging weight	1.22 kg

(*) Absolute conductivity (or TDS) is the conductivity value without temperature compensation.

Accessories



- MA815D/1** 4-ring EC/TDS/NaCl/Temperature probe with DIN connector and 1 meter cable
- M10030B** 12880 $\mu\text{S/cm}$ calibration solution, 20 mL sachet, 25 pcs.
- M10031B** 1413 $\mu\text{S/cm}$ calibration solution, 20 mL sachet, 25 pcs.
- M10035B** 111.8 mS/cm calibration solution, 20 mL sachet, 25 pcs.
- MA9060** 12880 $\mu\text{S/cm}$ calibration solution, 230 mL bottle
- MA9061** 1413 $\mu\text{S/cm}$ calibration solution, 230 mL bottle
- MA9063** 84 $\mu\text{S/cm}$ calibration solution, 230 mL bottle
- MA9065** 111.8 mS/cm calibration solution, 230 mL bottle
- MA9066** 100% NaCl calibration solution, 230 mL bottle
- MA9069** 5000 $\mu\text{S/cm}$ solution, 230 mL bottle

Ordering Information

MW306 MAX is supplied in a hard carrying case complete with

- **MA815D/1** 4-ring EC/TDS/NaCl/Temperature probe with DIN connector and 1 meter cable
- **MA9316** electrode holder
- 12 VDC adapter
- Micro USB cable
- Instrument quality certificate
- Instruction manual

DISTRIBUTOR:- BLUE HORIZON

Gopal Niwas,135,Princess Street Mumbai-400002 INDIA

Tel: +91 9820206611 Email: sales.bluehorizon@gmail.com

