

Mi utoranging EC/TDS/NaCl/Temperat

- 3 Years warranty
- LOG
- RS232
- USB
- ATC
- MYC
- Software CD
- Dual Display
- Self diagnostic
- GLP
- CE



Mi measures 4 different parameters - EC TDS Total Dissolved Solids percentage of NaCl and temperature in a variety of ranges

The auto-ranging feature for EC and TDS measurements automatically sets the resolution suitable to the tested sample. All measurements can be temperature compensated at 2 or 2C and the compensation coefficient is selectable by the user.

The automatic temperature compensation can also be disabled for measuring the actual conductivity value. The stability indicator on the LCD ensures accuracy.

Conductivity readings are performed with the 4-ring probe supplied with the meter. The LP feature allows users to store and recall data on system status.

PC compatible through an RS232 or US port

Specifications	Mi
Range	EC to 2 S/cm 3 to 2 S/cm 3 to 2 S/cm 3 to 2 mS/cm 3 to 2 mS/cm up to mS/cm actual conductivity uncompensated EC TDS to 4 mg/L ppm to 4 mg/L ppm to 4 mg/L ppm NaCl to 4 g/L ppt to g/L ppt up to 4 g/L actual TDS with factor Temp to 4 -2 to 2C / -4 to 24F
Resolution	EC S/cm S/cm S/cm mS/cm mS/cm TDS mg/L mg/L mg/L g/L g/L NaCl Temp C / F
Accuracy	EC of reading S/cm or digit TDS of reading 3 mg/L or digit NaCl of reading Temp 4C / F
Calibration	EC point slope calibration with memorized solutions 4 S/cm 43 S/cm mS/cm 2 mS/cm mS/cm mS/cm NaCl point with M calibration solution Temp 2 points to C / 32 to 2 F
Temp Compensation	automatic or manual from 2C / -4 to 24F
Temp Coefficient	selectable from to /C EC and TDS only
Probe	M4D/ 4-ring probe with built-in temperature sensor included
TDS Factor	4 to default value is
Log on Demand	up to samples on each range EC TDS NaCl
LP	last EC NaCl calibration data
PC Interface	RS232 / US Opto-isolated
Environment	to C / 32 to 22F max RH
Power supply	2 DC power adapter included
Dimensions	23 x x mm
Weight	kg

Uncompensated conductivity or TDS is the conductivity or TDS value without temperature compensation

More accurate readings with the 4-RING M4D/ EC/TDS/NaCl and Temperature probe

Conductivity readings are performed by applying an alternate current to the 4-ring probe which creates a variable voltage depending on the conductivity.



Rear Connector Panel layout

Communication to the PC is done via opto-isolated US and RS232 ports



Accessories

M4D/	EC/Temperature probe with DIN connector and m cable	M	mS/cm calibration solution 23 mL bottle
M	2 S/cm calibration solution 23 mL bottle	M	NaCl calibration solution 23 mL bottle
M	43 S/cm calibration solution 23 mL bottle	M	S/cm solution 23 mL bottle
M3	4 S/cm calibration solution 23 mL bottle	M3	2 DC dapter 22
M4	S/cm conductivity solution 23 mL bottle	M3	2 DC dapter
		M3	Electrode holder
		M3	RS232 connection cable with 2 meters cable
		Mi2	application Software

Ordering Information

Mi is supplied complete with:
 M4D/ EC/TDS/NaCl/Temperature Probe
 M3 Electrode Holder
 M3 2 S/cm calibration solution
 M3 43 S/cm calibration solution
 Mi2 application Software
 M3 RS232 connection cable with 2 meters cable
 2 DC dapter
 Instruction manual