

# MG30 Conductivity Meter



## GENERAL FEATURES

- High resolution LCD display, 5.7 inches.
- Multi-reading feature allows auto-read, timed-read and continuous-read.
- Automatic/Manual temperature compensation ensures accurate results.
- Auto-hold feature senses and locks the measurement endpoint.
- Data Storage 500 sets (GLP-compliant).
- Support for USB or RS-232 communication.
- Reset feature automatically resumes all settings back to factory default options.
- IP54 waterproof.
- 1-3 points calibration with Standard Recognition.
- Settable parameters, including cell constant, temperature compensation coefficient and TDS factor.
- Temperature compensation type (none, linear, pure water).

Model	MG30	
Parameters	EC/Temp.(Resistivity/TDS/Sal.)	
Conductivity	Range	0.000 $\mu$ S/cm to 1000 mS/cm
	Resolution	0.001 $\mu$ S/cm minimum, various with range selection
	Accuracy	$\pm$ 1.0% FS
	Reference Temperature	20, 25 $^{\circ}$ C
	Calibration Points	Up to 3
	Standard Recognition	84 $\mu$ S/cm, 1413 $\mu$ S/cm, 12.88mS/cm
Resistivity	Range	5.00 $\Omega \cdot$ cm~20.00 M $\Omega \cdot$ cm
	Resolution	0.01 $\Omega \cdot$ cm minimum
	Accuracy	$\pm$ 1.0% FS
TDS	Range	0.00 ppm~300ppt
	Resolution	0.01 ppm minimum, various with range selection
	Accuracy	$\pm$ 1.0% FS
Salinity	Range	0.0 ~ 80.0 ppt
	Resolution	0.1ppt
	Accuracy	$\pm$ 2ppt
Temperature	Range	-5.0 to 110 $^{\circ}$ C, 23.0 to 230 $^{\circ}$ F
	Unit	$^{\circ}$ C, $^{\circ}$ F
	Resolution	0.1
	Accuracy	$\pm$ 0.2
Measurement	Reading Mode	Auto Read (Fast, Medium, Slow), Timed, Continuous
	Reading Prompts	Reading, Stable, Locked
	Temp. Compensation	ATC, MTC
Data management	Data Storage	500 results each
	GLP Features	Yes
Inputs	Conductivity with Temp. Probe	5-pin aviation connector
Outputs	USB	PC
	RS 232	printer
Display options	Backlight	Yes
	Auto Shutdown	1~60 min, off
	IP Rating	IP54
	Date and Time	Yes
General	Power	AC Adapter, 100-240V AC input, DC9V output
	Dimensions	242 $\times$ 195 $\times$ 68 mm
	Weight	900g (1.98 lb)