



The **IQ280** meter is a multi-parameter bench top portable meter. This professional meter system showcases an extra large LCD display with LED backlight, and has the ability to accurately measure pH (ISFET or glass), mV, Temperature, Conductivity, TDS, Salinity, ORP, ISE and Dissolved Oxygen with automatic barometric pressure compensation, and automatic or manual salinity compensation. The IQ280 also features automatic conductivity cell constant recognition with auto ranging, and up to five-point conductivity and TDS calibration. This ultra-modern bench top meter system is engineered to give years of reliable service in the most difficult of applications.

IQ280 Features include:

- Dual Technology pH with either stainless steel, non-glass ISFET probes or traditional glass electrodes with BNC connector
- -2 to +19 pH range
- 0.1 or 0.01 pH resolution
- Up to five-point pH calibration
- Conductivity, TDS (Total Dissolved Solids) and Salinity measurement
- Automatic Conductivity cell constant recognition
- Five point conductivity calibration
- Dissolved Oxygen measurement with automatic barometric pressure compensation
- Two point user selectable DO Calibration
- Ability to use Winkler Calibration Values
- Automatic or manual temperature compensation
- **Optional Bluetooth** wireless remote control and data transfer
- GLP compliant
- Date & Time stamping
- Calibration Recall
- Recalibration Alarm
- Password protected setup
- Stores 999 data points
- ISE capability

Catalog Number		IQ280
Description		GLP compliant Bench top portable, pH, mV, Temp, ORP, Conductivity, TDS, Salinity, DO and ISE. USB with a Bluetooth Option
Probe Types		Accepts non-glass ISFET pH probes or traditional glass electrodes with BNC connector, 4 Cell Conductivity probes, DO Electrode and ISE Combination Electrodes with BNC connectors
Range	pH	-2.00 to 19.00
	mV	±1999 mV
	Temp	0 to +100 °C (Display °C or °F)
	Conductivity	0.00 µS to 199.9 mS (Auto ranging)
	TDS	0.00 ppm to 200 ppt (Auto ranging) Displays also 0.00 mg/L to 50 g/L
	Salinity	0 to 80 ppt
	Dissolved Oxygen (DO)	0.0% to 199.9% Saturation 0 to 19.99 ppm or mg/L Salinity Correction: Automatic Barometric Pressure Compensation: Automatic
	Barometric Pressure	500-1499 mm Hg or 666 hPa to 1999 hPa
	ISE	0.0 ppm to 1999 ppt (Auto ranging)
Resolution	pH	0.01 pH
	mV	0.1/1 mV
	Temp	0.1 °C or 0.1°F
	Conductivity	0.01 µS to 0.1 mS
	TDS	0.01 ppm to 1 ppt or 0.01mg/L to 0.1 g/L
	Salinity	0.1 ppt
	DO	0.1 % 0.01 ppm or mg/l
	Barometric Pressure	1 mm Hg or 1 hPa
	ISE	0.1 ppm 0.1 ppt
Accuracy	pH	±0.01 pH
	mV	±0.1 mV
	Temp	±0.5 °C
	Conductivity	±1% full scale or ±1 digit
	TDS	±1% full scale or ±1 digit
	Salinity	±0.1 ppt (-2 to 35 °C)
	DO	+/- 1.5% full scale
	ISE	Probe dependent
GLP		Yes
Memory		999
Bluetooth		Optional
Display		Large LCD with LED Backlight
Temperature Compensation		Manual or Automatic 0 to +100 °C
Calibration		Up to 5 points
Buffer Recognition	Automatic	1.68, 4.01, 6.86, 7.00, 9.18, 10.01, 12.45
Power		A/C Adapter and/or 4-AA batteries (all included)
Battery Life		Up to 200 hours continuous 10 hour advance low battery warning
Dimensions		8" L x 5" W x 3" H (203mm x 127mm x 75mm)
Shipping Weight		2.0 lbs (0.9 Kg)