

210E Series Portable Meters



Adjustable backlight
intensity



Easy to operate

GENERAL FEATURES

- LCD display screen, 3.5 inches.
- Multi-reading feature allows auto-read and continuous-read.
- Automatic/Manual temperature compensation ensures accurate results.
- Auto-hold feature senses and locks the measurement endpoint.
- Data capacity of up to 200 sets for each parameters.
- Auto-power off feature effectively extends the battery service life.
- Reset feature automatically resumes all settings back to factory default options.
- IP65 waterproof.

PH210E Portable pH Meter

- 1-3 points calibration with standard recognition.
- Automatic/Manual temperature compensation ensures accurate results.

EC210E Portable Conductivity Meter

- 1 point calibration with standard recognition.
- Cell constant is settable.
- Automatic/manual temperature compensation ensures accurate results.

DO210E Portable Dissolved Oxygen Meter

- Support for air-saturated water or zero oxygen calibration.
- Manual barometric pressure compensation.
- Manual Salinity Factor Correction.

Model		PH210E	EC210E	DO210E
Parameters		pH/Temp. (mV)	EC/Temp. (mV)	DO/Temp. (DO Saturation)
pH	Range	-2.00 to 18.00 pH	/	/
	Resolution	0.01pH	/	/
	Accuracy	±0.01 pH	/	/
	Calibration Points	Up to 3	/	/
	Auto Standard Recognition	NIST buffers	/	/
mV	Range	-1999 to 1999 mV	/	/
	Resolution	1 mV	/	/
	Accuracy	±0.1 %FS	/	/
Conductivity	Range	/	0.00 µS/cm to 200 mS/cm	/
	Resolution	/	0.01 µS/cm minimum; changed with range	/
	Accuracy	/	±1.0 % FS	/
	Reference Temperature	/	25 °C	/
	Calibration Points	/	Up to 1	/
	Standard Recognition	/	84µS/cm, 1413µS/cm; 12.88mS/cm	/
TDS	Range	/	0.00mg/L ~ 300g/L	/
	Resolution	/	0.01mg/L minimum; 3 significant digits	/
	Accuracy	/	±1.0%	/
Dissolved Oxygen Concentration	Sensor Type	/	/	Polarographic
	Range	/	/	0.00 to 20.00 mg/L
	Resolution	/	/	0.01mg/L
	Accuracy	/	/	±0.3mg/L
	Calibration Points	/	/	Air-saturated water or zero point
	Barometric Compensation	/	/	yes
Saturation	Manual Salinity Factor Correction	/	/	yes
	Range	/	/	(0.0 to 200.0) %
	Resolution	/	/	0.1%
Temperature	Accuracy	/	/	±10.0 %
	Range	-5 to 110 °C, 23 to 230 °F	•	•
	Unit	°C, °F	•	•
	Resolution	0.1	•	•
Measurement	Relative Accuracy	±0.2	•	•
	Reading Mode	AutoRead, Continuous	•	•
	Reading Prompts	Reading, Stable, Locked	•	•
Data Management	Temp. Compensation	ATC, MTC	•	•
	Data Storage	200 results each	•	•
Inputs	pH Electrode	BNC(Q9)	•	•
	Temp. Probe	4-pin aviation connector	•	•
	Conductivity with Temp. Probe	/	5-pin aviation connector	/
	Temp./DO Probe	/	/	4-pin aviation connector
Display Options	Backlight	Yes	•	•
	Auto Shut-down	300, 600, 1200, 1800, 3600 sec, off	•	•
	IP Rating	IP65	•	•
General	Power	Rechargeable Lithium batter; AC Adapter, 100-240 VAC input, DC5V output	•	•
	Dimensions	80 x 255 x 35 mm	•	•
	Weight	400g (0.88 lb)	•	•