

200E Series Benchtop Meters



Simple UI design



Electrode arm with 360
degree rotation

GENERAL FEATURES

- High resolution LCD display screen 6.0 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 storage 50 sets for each parameters.
- Reset feature automatically resumes all settings back to factory default options.
- IP54 waterproof.

PH200E pH Meter

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

PH200EM pH Meter

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

EC200E Conductivity Meter

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

EC200EM Conductivity Meter

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

Model	PH200E	PH200EM	EC200E	EC200EM
Parameters	pH/Temp.(mV)	pH/mV	EC/Temp. (TDS)	EC(TDS)
pH	Range	-2.00 to 18.00 pH	•	/
	Resolution	0.01pH	•	/
	Accuracy	±0.01 pH	•	/
	Calibration Points	Up to 3	•	/
	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 ~ 100g/L
	Resolution	/	/	0.01mg/L minimum; changed with range
	Accuracy	/	/	±1.0% FS
Temperature	Range	-5 to 110 °C, 23 to 230 °F	/	•
	Unit	°C,	/	•
	Resolution	0.1	/	•
	Accuracy	±0.2	/	•
Measurement	Reading Mode	AutoRead, Continuous	•	•
	Reading Prompts	Reading, Stable, Locked	•	•
	Temp. Compensation	ATC, MTC	MTC	ATC, MTC
Data Management	Data storage	50 results each	•	•
Inputs	pH Electrode	BNC(Q9)	•	/
	Temp. Probe	4-pin aviation connector	/	/
	Temp./EC. Probe	/	/	5-pin aviation connector
Display Options	Backlight	Yes	•	•
	Auto Shut-down	300, 600, 1200, 1800, 3600sec, off	•	•
	IP Rating	IP54	•	•
General	Power	AC Adapter, 100-240 VAC input, DC9V output	•	•
	Dimensions	242 x 195 x 68 mm	•	•
	Weight	900g (1.98 lb)	•	•

• INCLUDED, / NONE