General Features

- Color High contrast LCD touchscreen, 4.3 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 capacity of up to 500 sets for each parameter (GLP-compliant)
- Support for USB communication
- Auto-power off feature effectively extends the battery service life
- Reset feature automatically resumes all settings back to factory default options
- IP65 waterproof. The portable meter is suitable for fields measurements and out door measurements



I310T pH/Ion Meter

pH

- 1-5 points calibration with Standard Recognition
- Selectable pH buffer groups, including NIST, DIN, GB, USA
- Automatic electrode diagnosis with pH slope and offset display

Ion

- Selectable measurement unit, including μg/L, mg/L, g/L, mmol/L, pX, ppm, ppb, etc
- Measurement modes are supported, including Direct Reading mode, Standard Addition mode, Sample Addition mode and GRAN mode
- 1-5 points calibration
- Over 10 methods are built-in, including F^-, Cl^-, Br^-, I^-, $NO3^-$, BF_4^-,NH_4^+, K^+, Na^+, Ca^{2+}, Cu^{2+}, Pb^{2+}, Ag^+ and etc., user-defined method is supported

Technical Parameters

Model		I310T
Parameters		pH/ISE/Temp.(mV/pX)
pH	Range	-2.00 to 20.00pH
	Resolution	0.1, 0.01 pH
	Accuracy	±0.01 pH
	Calibration Points	Upto5
	Standard Customization	Yes
	Standard Recognition	NIST, GB, USA and DIN buffers
mV/ORP	Range	-2000.0to 2000.0mV
	Resolution	0.1mv
	Accuracy	0.3 mV or 0.1%
pX	Range	-2.00 to 20.00 pX
	Resolution	0.1 ,0.01pX
	Accuracy	±0.02 pX
	Calibration Points	Up to 5
ISE	Range	1.000e-9 to 9.999e+9
	Units	mol/L,mmol/L,g/L,mg/L,ug/L
	Resolution	Up to 4 significant digits
	Accuracy	0.5%
	Calibration Points	Up to 5
Temperature	Range	-5 to110°C,23to 230°F
	Unit	°C,°F
	Resolution	0.1
	Relative Accuracy	±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	1000 Groups
	GLP Features	Yes
Inputs	pH Electrode	BNC (Q9)
	Temp. Probe	4-pin aviation connector
Outputs	USB	PC, printer
Display options	Backlight	Yes
	Auto Shutdown	300,600,1200,1800,3600seC.,off
	IP Rating	IP65
	Date and Time	Yes
General	Power	Rechargeable Lithium battery, AC Adapter, 100-240V AC input, DC5V output
	Dimensions	90x255x40mm
	Weight	500g(1.1lb)