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



I300F 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
- Multi-measurement mode is supported, including Direct Reading 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		I300F
Parameters		pH/ISE/Temp.(mV/pX)
pH	Range	-2.00 to 20.00 pH
	Resolution	0.1, 0.01 pH
	Accuracy	±0.01 pH
	Calibration Points	Up to 5
	Standard Customization	Yes
	Standard Recognition	NIST, GB, DIN, USA buffers
mV	Range	-2000.0 to 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	±0.01pX
	Calibration Points	Up to 5
ISE	Range	1.000e-9to 9.999e+9
	Unit	mol/L, mmol/L,g/L,mg/L, ug/L, ppm, ppb
	Resolution	Up to 4 significant digits
	Accuracy	±0.3%
	Calibration Points	Up to 5
Temperature	Range	-5.0 to110°C, 23.0 to 230°F
	Unit	°C,°F
	Resolution	0.1
	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	500 results each
	GLP Features	Yes
Inputs	Conductivity with Temp.Probe	BNC(Q9)
	Temp. Probe	4-pin aviation connector
Outputs	USB	PC
	RS 232	Printer
Display options	Backlight	Yes
	Auto Shutdown	1~60min,off
	IP Rating	IP54
	Date and Time	Yes
General	Power	AC Adapter, 100-240V ACinput, DC9V output
	Dimensions	242x195x68mm
	Weight	900g(1.98lb)