INE-I300F
pH/Ion Meter

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.

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

Ion
✧ 1-5 points calibration.
✧ Selectable measurement unit, including µg/L, mg/L, g/L, mmol/L, PX, etc.
✧ Multi-measurement modes are supported, including Direct Reading mode, Standard Addition mode, Sample Addition mode and GRAN mode.
✧ Over 10 methods are built-in, including F^-, Cl^-, Br^-, I^-, NO_3^-, BF_4^-, NH_4^+, K^+, Na^+, Ca^{2+}, Cu^{2+}, Pb^{2+}, Ag^+ and etc., user-defined method is supported.

Standard Accessories
1 Electrode holder
2 Stirrer

PRODUCT SPECIFICATIONS

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 and MERK buffers
	Slope Limit	Yes
mV	Range	-2000.0 to 2000.0 mV
	Resolution	0.1, 0.01 mV
	Accuracy	±0.1 mV or ±0.03% of reading whichever is greater
pX	Range	-2.00 to 20.00 pX
	Resolution	0.1, 0.01 pX
	Accuracy	±0.01 pX
	Calibration Points	Up to 5
ISE	Range	1E-9 to 9.999E9
	Unit	mol/L, mmol/L, g/L, mg/L, µg/L, ppm
	Resolution	Up to 4 significant digits
	Accuracy	±0.3%
	Calibration Points	Up to 5
Temperature	Range	-5.0 to 110 ºC, 23.0 to 230 ºF

	Unit	ºC, ºF
	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	5-pin aviation connector
Outputs	USB	USB 2.0 flash memory device, PC
	RS 232	printer
Display options	Backlight	Yes
	Auto Shutdown	1~60 min, off
	IP Rating	IP54
	Date and Time	Yes
General	Power	AC Adapter, 100-240V AC input, DC9V output
	Dimensions，Weight	242×195×68 mm，900g (1.98 lb)

<mark>Optional Accessories</mark>

1	ISE probe (ISE-910, etc)	Single (have to be used reference electrode), such as F- Ion, CL- Ion, Br- Ion, I- Ion, Cu2+ Ion, Pb2+ Ion, PAg/S-1-01, K+ Ion, NH4+ Ion, NO3- Ion, Ca2+ Ion, BF4- Ion, Na+ Ion
2	ISE probe (ISE-2910, etc)	Single + reference, such as F- Ion, CL- Ion, Br- Ion, I- Ion, Cu2+ Ion, Pb2+ Ion, K+ Ion, NH4+ Ion, NO3- Ion, Ca2+ Ion, BF4- Ion, Na+ Ion, PNH3-1-01, Li+ Ion
3	ISE probe (ISE-2910H, etc)	Single + reference + solution, such as F- Ion, CL- Ion, Br- Ion, I- Ion, Cu2+ Ion, Pb2+ Ion, K+ Ion, NH4+ Ion, NO3- Ion, Ca2+ Ion, BF4- Ion, Na+ Ion, PNH3-1-01,
4	PH-2-011	two in one, plastic, filling
5	PH-2-021	two in one, plastic, un-filling
6	PH-2-211	two in one, plastic, filling，spear
7	PH-2-111	two in one, plastic, filling, flate
8	PH-2-022	two in one, glass, filling
9	PH-2-052	three in one, stainless steel, filling
10	PH-3-320	three in one, plastic, filling
11	PH-3-022	three in one, glass, filling
12	PH-3-052	three in one, stainless steel, filling
13	PH-231	PH，Glass without reference
	RE-232	Reference
14	ORP-2-510	two in one, Ag/AgCL plastic, un-filling
15	ORP-2-511	two in one, Ag/AgCL glass, un-filling
16	ORP-2-503	two in one, Saturated Calomel, glass, un-filling
17	PH-2221	0-80℃, pure-water
18	PH-2201	0-80℃, accuracy 0.01pH
19	PH-2102	sticky sample
20	PH-2224	0-100℃
21	pH buffer	PH 4.01, PH 7.00, PH 10.01--power
22	pH buffer	PH 4.01, PH 7.00, PH 10.01—250mL for one
23	ATC-811	Temperature
24	Jb -12 or JB-13	Stirrer