

## The PXJ-1C + Ion Meter

### Product characteristics

- Large screen LCD display, backlight function, menu navigation operation
- It can store 4096 sets of data, and meet the GLP function management, consulting, deletion and printing
- Digital / function / menu button, self-diagnosis, user personalization setting
- A variety of measurement modes, can measure the ion concentration, pH, mV, ORP, temperature value
- 0.001pH/0.01mV High precision resolution, 31012  $\Omega$  high input impedance design
- Built-in fluorine, chloride, bromine, ammonia, nitrate, sodium and other 16 ion parameters, 2 custom ion parameters
- Up to 13 concentration units are optional, direct conversion (PX, ppm, ppb, ppt, mol / l, mmol/l,  $\mu$  mol / l, nmol / l, %,  $\mu$  g / l, mg/l, g / l, ng/l)
- The unique 9-point ion concentration calibration function, which can accurately calculate and establish a standard curve
- Using the corresponding ion electrode, the ion concentration can be measured directly
- 4 groups of 18 pH standard solutions, one-key calibration, up to 5 points, automatic identification, calibration
- Three measurement modes: automatic measurement, real-time measurement, and timing measurement
- ATC automatic identification, automatic / manual temperature compensation
- The clock and date are double displayed to display the current time and provide the time benchmark for the data recording function
- With special electrode converter to a variety of interfaces and specifications of electrodes
- Through the effective management of GLP function, it has the data statistics function, allowing users to count, consult, analyze, compare and save the measurement results, and export, print and delete



the data

- Product quality is reliable, the host warranty for three years, half a year have quality problems to replace the host

#### technical parameter

Instrument level		Level 0.001
pH	measuring range	(-10.000~20.000)pH
	resolution ratio	0.001pH/0.01pH/0.1pH (Adjustable)
	intrinsic error	±0.002pH
	Correction point	Up to 5 o'clock
ion	measuring range	(0~99999)
	resolution ratio	1,2,3 with effective digits
	intrinsic error	± 0.5% ± 1 word
	Ion unit	pX、ppm、ppb、ppt、mol/l、mmol/l、umol/l、mmol/l、%、ug/l、g/l、mg/l、ng/l
	Choose ions	F <sup>-</sup> 、Cl <sup>-</sup> 、Br <sup>-</sup> 、I <sup>-</sup> 、S <sup>-</sup> 、K <sup>+</sup> 、Na <sup>+</sup> 、Ca <sup>+</sup> 、Ag <sup>+</sup> 、Cu <sup>2+</sup> 、Cd <sup>2+</sup> 、BF <sub>4</sub> <sup>+</sup> 、ClO <sub>4</sub> <sup>-</sup> 、CN <sup>-</sup> 、SCN <sup>-</sup> 、NO <sub>3</sub> <sup>-</sup> 、2 custom ions
	Correction point	Two to nine o'clock
mV/RelmV/OR P	measuring range	(-2000.00~2000.00)mV
	resolution ratio	0.01mV/0.1mV/1 mV (adjustable)
	intrinsic error	±0.02%FS
	Correction point	At one point
temperature	measuring range	(-20.0~135.0)°C
	resolution ratio	0.1°C
	intrinsic error	±0.2°C
temperature compensation range		(-20.0~135.0) °C (automatic / manual)
input impedance		≥3×10 <sup>12</sup> Ω
data storage		4096 sets of data can be logged
GLP standard		Compliance with the GLP data management specification
Input / output		Sensor interface: electrode interface reference interface



	temperature interface Communication interface: USB interface RS232 interface
source	General power supply (DC9V 500mA, negative and negative)

**configuration table:**

Host	1
7102T composite fluoroion electrode (F +)	1
FZ-7106 Compound Nitrate Electrode (NO <sub>3</sub> )	1
FZ-7117 compound ammonium root ion electrode (NH <sub>4</sub> +)	1
FZ-7112 composite broion electrode (Br)	1
FZ-7107 composite chloride ion electrode (CL <sup>-</sup> )	1
FZ-7101 composite sodium ion electrode (Na +)	1
FZ-7118 composite potassium ion electrode (K +)	1
FZ-7103 Composite Calcium ion Electrode (Ca + 2)	1
Universal electrode bracket	1
Power adapter	1
short plug	1
PH Standard buffer powder PH 4, PH 7, PH 9	3
Use manual, warranty card, qualification certificate	1
<b>apolegamy:</b>	
magnetic stirring apparatus	1

