

Portable Conductivity Meter

Features:

- * 7-inch color high-resolution(1024*600) capacitive touchscreen with intuitive UI and navigational operation, offering high sensitivity and comprehensive parameter display for user-friendly experience.
- * The main unit housing is PEEK material, featuring high temperature resistance, corrosion resistance, and aging prevention.
- * Built-in ARM 32-bit microprocessor with digital filtering and slip difference technology for enhanced response speed and measurement accuracy. Circuit boards use SMT assembly, improving reliability.
- * Complies with international GLP standards, offering auto-calibration, auto-temperature compensation, data storage, USB output, clock display, wireless printing, function settings, and self-diagnostics.
- * Stores 500 sets of measurements; data transfer via USB drive, compatible with Excel for analysis.
- * USB interface enables data export to computers; dedicated software optional for PC connectivity and data management.
- * Optional Bluetooth module supports wireless printing.
- * Automatically identifies 8 conductivity standard solutions. Utilizes advanced conductivity measurement technology, requiring only one-point calibration.
- * Rated IP54 for dust and splash resistance.

Accessories:

Meter, platinum black electrode; temperature electrode; power adapter; electrode holder(With base); carrying case

Technical Parameters:

Model	PH-P702	
Conductivity	Range	200 μ S/cm~20mS/cm(K=1.0cm ⁻¹) Optional: 0.05~1 μ S/cm(K=0.01cm ⁻¹) 1 μ S/cm~200 μ S/cm(K=0.1cm ⁻¹) 20mS/cm~200mS/cm(K=10cm ⁻¹)
	Resolution	0.001/0.01/0.1/ μ S/cm; 0.01/0.1mS/cm
	Accuracy	±1.5%FS
Resistivity	Range	0~100M Ω ·cm
	Resolution	1/0.1/0.01M Ω ·cm
	Accuracy	±1.5%FS
TDS	Range	0~100g/L
	Resolution	1/0.1/0.01g/L or mg/L
	Accuracy	±1.5%FS
Salinity	Range	0~100ppt
	Resolution	1/0.1ppt
	Accuracy	±1.5%FS
Temperature	Range	0~100°C
	Resolution	0.1°C
	Accuracy	±0.5°C(5~60°C); ±1.0°C(Other ranges)
Display	7-inch touchscreen	
Data Storage	500 groups	
Communication Interface	USB2.0, optional Bluetooth module	
Power Requirements	3.7V/1800mA rechargeable lithium battery	
External Size(W*D*H)	195*135*40mm	
Package Size(W*D*H)	480*385*250mm	
Net Weight	600g	
Gross Weight	4.5kg	

Benchtop Conductivity Meter



Application:

Suitable for water quality monitoring, ecological research, sewage treatment, industrial and mining enterprises, agriculture, pharmaceuticals, education, and other applications for sampling and measuring the total ion concentration of solutions.

Features:

- * 7.0-inch LCD touch screen for intuitive and clear data display.
- * Supports storage of 500 data sets with options to save, review, and delete.
- * Features automatic endpoint detection with both equilibrium and continuous measurement modes.
- * Multi-functional electrode holder with multi-hole design, allowing simultaneous use of multiple electrodes and supporting 360-degree rotation and vertical adjustment.
- * Comes with a 1.0 constant electrode, enabling full-range measurement and supporting 1~5-point calibration for conductivity electrodes.

Accessories:

Meter, electrodes, electrode holder; power adapter

Technical Parameters:

Model	BK-EC3A		BK-EC3B
Conductivity	Range	0.00 μ S/cm~200mS/cm	
	Resolution	0.01 μ S/cm, selectable according to the range	
	Electronic Unit Repeatability	0.33%FS	
	Instrument Repeatability	0.70%FS	
	Electronic Unit Reference Error	±1.0%FS	
TDS	Instrument Reference Error	±1.5%FS	
	Range	0.00mg/L~100g/L	
	Resolution	0.01mg/L, selectable according to the range	
Resistivity	Electronic Unit Reference Error	±1.0%FS	
	Range	5.00 Ω ·cm~20.0M Ω ·cm	
	Resolution	0.01 Ω ·cm, selectable according to the range	
Salinity	Electronic Unit Reference Error	±1.0%FS	
	Range	0~100ppt	
	Resolution	0.01ppt	
	Accuracy	±0.2%	
Temperature	Range	/	
	Resolution	/	
	Accuracy	/	
Temp. Compensation Range	-5.0~110.0°C, manual		-5.0~110.0°C, manual/automatic
Power Requirements	AC 100~240V, 50/60Hz		
External Size(W*D*H)	250*190*71mm		
Package Size(W*D*H)	300*310*300mm		
Net Weight	1.5kg		
Gross Weight	2.2kg		