

Portable Conductivity Meter

Accessories:

Meter; platinum black electrode; temperature electrode; power adapter; electrode holder(With base); 1408μS/cm standard conductivity solution; carrying case

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.



Technical Parameters:

Model		PH-P702
Conductivity	Range	200μS/cm~20mS/cm(K=1.0cm ⁻¹) Optional: 0.05~1μS/cm(K=0.01cm ⁻¹) 1μS/cm~200μS/cm(K=0.1cm ⁻¹) 20mS/cm~200mS/cm(K=10cm ⁻¹)
	Resolution	0.001/0.01/0.1/1μS/cm; 0.01/0.1mS/cm
	Accuracy	±1.5%FS
Resistivity	Range	0~100MΩ·cm
	Resolution	1/0.1/0.01MΩ·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℃
	Resolution	0.1℃
	Accuracy	±0.5℃(5~60℃); ±1.0℃(Other ranges)
Display		7-inch touch screen
Data Storage		500 groups
Communication Interface		USB2.0, optional Bluetooth module
Power Requirements		3.7V/1800mA rechargeable lithium battery Input: AC 100~240V, 50/60Hz, 0.15A Output: DC 5V/1000mA
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



BK-EC3A

BK-EC3B

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; electrode, electrode holder; power adapter

Technical Parameters:

Model		BK-EC3A	BK-EC3B
Conductivity	Range	0.00μS/cm~200mS/cm	
	Resolution	0.01μS/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	Range	0.00mg/L~100g/L	
	Resolution	0.01mg/L, selectable according to the range	
	Electronic Unit Reference Error	±1.0%FS	
Resistivity	Range	5.00Ω·cm~20.0MΩ·cm	
	Resolution	0.01Ω·cm, selectable according to the range	
	Electronic Unit Reference Error	±1.0%FS	
Salinity	Range	0~100ppt	
	Resolution	0.01ppt	
	Accuracy	±0.2%	
Temperature	Range	/	-5.0~110.0℃
	Resolution	/	0.1℃
	Accuracy	/	±0.4℃(0.0~60.0℃) ±1.0℃(Other ranges)
Temp. Compensation Range		-5.0~110.0℃, manual	-5.0~110.0℃, 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	