

Portable Conductivity Meter

Accessories:

BK-EC10P: Meter; conductivity standard solution (1408μS/cm, 50ml)*2; DJS-1(Platinum black) conductivity electrode; power adapter; carrying case

PH-P702: 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(Only for PH-P702).
- * The main unit housing is PEEK material, featuring high temperature resistance, corrosion resistance, and aging prevention.
- * USB interface enables data export to computers; dedicated software optional for PC connectivity and data management (Only for PH-P702).
- * Optional Bluetooth module supports wireless printing(Only for PH-P702).
- * Rated IP65 for dust and splash resistance(BK-EC10P), rated IP54 for dust and splash resistance(PH-P702).

Technical Parameters:

Model	BK-EC10P	PH-P702	
Conductivity	Range	1~2000μS/cm(K=1.0cm ⁻¹) Optional: 0.055~200μS/cm(K=0.1cm ⁻¹) 2~200mS/cm(K=10cm ⁻¹)	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	0.01μS/cm	0.001/0.01/0.1/1μS/cm; 0.01/0.1mS/cm
	Accuracy	0.01μS/cm	±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°C
	Resolution	/	0.1°C
	Accuracy	/	±0.5°C(5~60°C); ±1.0°C(Other ranges)
Display	7-inch touch screen		
Data Storage	500 groups		
Communication Interface	/	USB2.0, optional Bluetooth module	
Power Requirements	3.7V/4000mA rechargeable lithium battery Input: AC 100~240V, 50/60Hz, 0.35A Output: DC 5V/2A	3.7V/1800mA rechargeable lithium battery Input: AC 100~240V, 50/60Hz, 0.15A Output: DC 5V/1000mA	
External Size(W*D*H)	200*80*50mm	195*135*40mm	
Package Size(W*D*H)	332*292*109mm	480*385*250mm	
Net Weight	0.45kg	600g	
Gross Weight	1.2kg	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; 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°C
	Resolution	/	0.1°C
	Accuracy	/	±0.4°C(0.0~60.0°C) ±1.0°C(Other ranges)
Temp. Compensation Range	-5.0~110.0°C, manual		
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		