# Benchtop Multiparameter Water Quality Meter



BK-PED3B



PH-PCD100

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## Features:

* High-resolution LCD display screen.
* With built-in microprocessor chip, automatic calibration, automatic temperature compensation, data storage, parameter setup, etc.
* Automatic calibration, self-diagnosis, automatically recognizing standard buffer solutions, stable reading display.
* IP54 waterproof.

## Accessories:

BK-PED3B: Meter; pH probe; DO probe; Cond probe(K=1); calibration solution: pH4.00/6.86/9.18(Powder, 250ml); zero oxygen standard solution(Powder, 25ml); electrode stand; power adaptor

PH-PCD100: Meter; ATC pH probe; pH buffer solution: pH4.00/7.00/10.01, 50mL, one for each; glass ATC Cond probe(K=1); standard Cond solution: 50mL: 84μS/1413μS/12.88mS/cm, one for each; polarographic DO probe, cable length: 2m; membrane refill solution: 30mL; sensor caps: 3pcs/group, 1pkg; flexible probe holder; power adaptor



## Technical Parameters:

| Model | | BK-PED3B | PH-PCD100 |
|---|---|---|---|
| pH | Range | -2.00~20.00pH | |
| | Resolution | 0.01pH | 0.1/0.01pH |
| | Accuracy | ±0.02pH | ±0.01pH ± one digit |
| | Calibration Points | 1~5 points | 1~3 points |
| mV(ORP probe optional) | Range | -2000~2000mV | -1999~1999mV |
| | Resolution | 1mV | 1mV |
| | Accuracy | 1mV | ±0.1%FS ± one digit |
| Conductivity | Range | 0.00μS/cm~200mS/cm, auto divided by range of: 0~10μS/cm; 10~100μS/cm; 100~1000μS/cm; 1000~2000μS/cm; 2mS/cm and above | 0~200.0mS/cm, auto divided by range of: 0~19.99μS/cm; 20.0~199.9μS/cm; 200~1999μS/cm; 2.00~19.99mS/cm; 20.00~199.9mS/cm |
| | Resolution | 0.01μS/cm | 0.001 |
| | Accuracy | ±1.5 %FS | ±1.0 %FS ± one digit |
| TDS | Range | 0~100.0g/L | |
| | Resolution | 0.01mg/L | 0.001 |
| | Accuracy | ±1.0 %FS | ±1.0 %FS ± one digit |
| Resistivity | Range | 5.00~20.0MΩ·cm | 5.00~100.0MΩ·cm |
| | Resolution | 0.01MΩ·cm | 0.001 |
| | Accuracy | ±1.5 %FS | ±1.0 %FS ± one digit |
| Salinity | Range | 0~100.0ppt | |
| | Resolution | 0.01ppt | 0.001 |
| | Accuracy | ±0.4 %FS | ±1.0 %FS ± one digit |
| DO | Range | 0~50.00mg/L, 0~600.0% | 0~20.00mg/L, 0~200.0% |
| | Resolution | 0.01mg/L | |
| | Accuracy | ±0.30mg/L | |
| | Salinity Compensation | 0~50ppt, manual | 0~45ppt, manual |
| | Barometric Compensation | 60~110kPa, manual/automatically | 0~200.0kPa, automatically |
| Temperature | Range | -10~135.0℃/14.0~275.0℉ | -9.9~130.0℃/14.1~266.0℉ |
| | Resolution | 0.1℃ | |
| | Accuracy | ±0.4℃(0~60℃)<br>±1.0℃(Other ranges) | ±0.2℃ |
| Data Storage | | 500 groups | 450 groups |
| Data Transfer | | USB(For remote upgrade and customizable printing)<br>Thermal printer(Optional) | USB stick<br>Bluetooth connection to printer(Optional) |
| Power Requirements | | Input: AC 100~240V, 50/60Hz<br>Output: DC9V 1A | Input: AC 100~240V, 50/60Hz<br>Output: DC12V |
| External Size(W*D*H) | | Main unit: 250*190*71mm<br>Electrode stand: 110*140*390mm | 200*170*64mm |
| Package Size(W*D*H) | | 300*310*300mm | 600*430*130mm |
| Net Weight | | 2.1kg | 550g |
| Gross Weight | | 2.7kg | 3kg |