

## Portable Conductivity Meter

**B**GD 293 portable conductivity Meter is used widely for laboratory or field measurement of the conductivity of liquid.

- ◆ Built-in microprocessor chips, intelligent functions such as automatic calibration, automatic temperature compensation, data storage, function set-up, automatic power-off and low voltage display.
- ◆ Automatic identification of 8 conductivity standard calibration solutions, two options of standard calibration solutions: Europe and America series and China series.
- ◆ Adopt advanced conductivity measurement technology, use conductivity electrode of constant K=1, only need one point calibration and meet the measurement precision requirement of 0.5 S/cm ~ 200 mS/cm.
- ◆ Ability to switch among conductivity, TDS, salinity and resistivity. Multinomial calculation for TDS and salinity to ensure the conversion precision of the full scale.
- ◆ Conductivity measurement mode has the function of non-linear temperature compensation for high purity water.
- ◆ Plastic conductivity electrode with automatic temperature compensation, fast response and accurate result.
- ◆ Meter meets IP57 rating waterproof standard, equipped with calibration solution and portable case.



### Main Technical Parameters:

- ★ Measuring range: 0 ~ 2 × 10<sup>6</sup> μS/cm
- ★ Resolution: 0.01/0.1/1 μS/cm; 0.01/0.1 mS/cm
- ★ Accuracy: Meter: ± 1.0% FS, Overall: ± 1.5% FS
- ★ Temp. compensation range: ( 0 ~ 50 ) °C ( Automatic )
- ★ Data storage: 200 groups  
( Series number, measuring value measuring unit and temperature )
- ★ Power: Two AA batteries (1.5V × 2)
- ★ Meter size and weight: 120mm × 65mm × 31mm ( L × W × H ) ; 180g
- ★ Package size and weight: 255mm × 210mm × 50mm ( L × W × H ) ; 790g
- ★ Standard kit includes:  
BGD 293 pH/mV meter ( 1 unit ) ; Plastic conductivity electrode ( 1 pc )  
1,413 μS/cm conductivity standard solution (50mL); Spare AA batteries ( 2 pcs )
- ★ **Ordering Information:**  
BGD 293---Portable Conductivity Meter  
BGD 1175/3---Plastic Conductivity Electrode  
BGD 1176/3---Glass Conductivity Electrode