

## 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  $0.5 \text{ S/cm} \sim 200 \text{ mS/cm}$ .
- ◆ 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:  $0 \sim 2 \times 10^6 \mu\text{S/cm}$
- ★ Resolution:  $0.01/0.1/1 \mu\text{S/cm}$ ;  $0.01/0.1 \text{ mS/cm}$
- ★ Accuracy: Meter:  $\pm 1.0\% \text{ FS}$ , Overall:  $\pm 1.5\% \text{ FS}$
- ★ Temp. compensation range:  $(0 \sim 50) ^\circ\text{C}$  ( Automatic )
- ★ Data storage: 200 groups  
( Series number, measuring value measuring unit and temperature )
- ★ Power: Two AA batteries (  $1.5\text{V} \times 2$  )
- ★ Meter size and weight:  $120\text{mm} \times 65\text{mm} \times 31\text{mm}$  ( L  $\times$  W  $\times$  H ) ; 180g
- ★ Package size and weight:  $255\text{mm} \times 210\text{mm} \times 50\text{mm}$  ( L  $\times$  W  $\times$  H ) ; 790g
- ★ Standard kit includes:  
BGD 293 pH/mV meter ( 1 unit ) ; Plastic conductivity electrode ( 1 pc )  
 $1,413 \mu\text{S/cm}$  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