

Portable Conductivity Meter

BGD 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 x W x H); 180g
- ★ Package size and weight: $255\text{mm} \times 210\text{mm} \times 50\text{mm}$ (L x W x 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