



GD-2010B Insulator Salt Density Tester



I. General information

Insulator salt density tester is special measuring instruments for testing insulator surface equivalent salt density and solution conductivity.

It is suitable for using in high voltage overhead lines and power plants, substations.

II. Features

- 320*240 true color TFT LCD display, easy operation.
- With mini-printer, convenient for saving and comparing.
- External power and internal power supply, suitable for using in laboratory or in wild field.
- Built-in automatic conductivity salt density calculation formula, direct reading.
- Using high performance platinum electrode, stable and reliable.
- Measure conductivity and temperature of solution at the same time.
- Automatic switching of full range, to improve precision of low salt density.
- With automatic compensation function of temperature. The conductivity value of solution will be compensated at the value under 20 °C.
- With automatic calibration function. Automatic calibrating after power on, to improve accuracy.
- Large capacity data memory, saving up to 10000groups data.
- The backlight of screen will be lower shining if no operation, to save battery.

III. Technical Specifications

Measurement range	Salt density	0.0001~9.9999 mg/cm ²
	Temperature	0~100 °C
	Conductivity	0~100000 us/cm
Measurement accuracy	Salt density	Resolution 0.001digit, accuracy of full range is better than ±1%
	Temperature	Resolution 0.1digit, accuracy is better than±0.5°C
	Conductivity	Resolution is 1/1000 of range, accuracy of full range is better than ±1%

Information output	TFT LCD screen	320×240 true color TFT LCD screen
	Printer	Print measurement data
	USB communication	Transmit data by USB wire
Operation Condition	Power supply	AC 230V±10% DC 6pcs AA 1.5V battery
	Environmental temperature	0~+50 °C
	Relative humidity	≤80% RH
Storage	Environmental temperature	-10~+55 °C
	Relative humidity	≤95% RH
Size&Weight	Size	355mm×250mm×140mm
	Weight	About 2.5 kg