

DUAL PARAMETER METERS

In some applications there may be a need to measure different parameters of a solution. The same can be fulfilled by using a single instrument with different electrodes for the respective parameter. A single instrument can measure simultaneously different combinations such as pH / Conductivity, pH/ Ion concentration, pH /Dissolved oxygen, Conductivity/Dissolved oxygen along with temperature. These instruments find usage in environmental protection, water quality checking, biological agriculture, aqua culture, scientific research and studies, etc.



pH/Conductivity Meter - CpHC

pH, mv, ms, μ s, mg/L, ppt, °C

Features

- ◆ pH , mV, Conductivity, Resistivity, TDS, Salinity, Temperature modes.
- ◆ Automatic or Manual temperature Compensation.
- ◆ 3 point pH calibration.
- ◆ Buffers selectable from 1.68pH, 4.00pH, 4.01pH, 6.86pH, 7.00pH, 9.18pH, 9.20pH. 10.01pH and 12.45pH
- ◆ Automatic buffer recognition.
- ◆ 1 point conductivity calibration for the entire range.
- ◆ Bi directional RS232 interface. Baud rate selectable from 1200,2400,4800 and 9600.
- ◆ Single and continuous print out of measuring parameters.
- ◆ Multiple Printout types. Combinations selectable from Sr. No., pH, mV, conductivity, TDS, Salinity, Date, time and temperature.
- ◆ Real Time Clock.
- ◆ Calibration report as per GLP requirements.
- ◆ Electrode Slope and mV offset display.
- ◆ LCD display with Backlight.
- ◆ Memory storage of 100 measurements.
- ◆ Data logging facility up to 500 results. Data logging interval selectable from 5S, 10S, 20S, 30S, 1M, 2M and 5M.
- ◆ Temperature calibration with respect to solution of known temperature.

Specifications :

pH Range	: -2.0000~19.999pH
mV Range	: \pm 1999.9mV
Conductivity Range	: 0~2000mS/cm spread into 6 ranges 0.00~20.00 μ S/cm, 20.0~200.0 μ S/cm, 200~2000 μ S/cm 2.00~20.00mS/cm, 20.0~200.0 mS/cm, 200~2000mS/cm(K=10)
Resistivity Range	: 0~100M Ω cm
TDS Range	: 0~100g/L
Salinity Range	: 0~100ppt
Temperature Range	: -10.0~110.0°C
pH Accuracy	: \pm 0.002pH
mV Accuracy	: \pm 0.5mV
Conductivity Accuracy	: \pm 0.5% FS
Temperature Accuracy	: \pm 0.4°C
ATC pH	: 0~100°C
ATC Conductivity	: 0~50°C
pH Electrode	: pH combination electrode-EpHG03
Temperature Electrode	: Temperature sensor electrode-ETS01
Conductivity Electrode	: ECNG01
Meter Weight	: 700 g