

CONDUCTIVITY METER

CC-01

ms, μ s, mg/L, ppt, °C

CONTECH[®] Laboratory Conductivity Meter can measure Conductivity, Resistivity, Total Dissolved Solids(TDS), Salinity & Temperature of any solution. This instrument is suitable in the field of water quality monitoring, aqua culture, biological agriculture, scientific & educational research, food safety, petrochemical and environmental protection. It uses ECNG01 glass electrode with a platinum plate sensitive element coated with platinum black to avoid errors due to polarization especially in solutions of high conductivity.

Features

- ◆ Conductivity, resistivity, total dissolved solids(TDS), salinity & temperature measurement.
- ◆ Automatic or manual temperature compensation
- ◆ 1 point calibration for the entire range.
- ◆ Bi directional RS232 interface. Baud rate selectable from 1200, 2400, 4800 and 9600.
- ◆ Single and continuous print out of readings.
- ◆ Multiple Printout types. Combinations selectable from different measuring units.
- ◆ Real Time Clock. Calibration report as per GLP requirements.
- ◆ 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 :

Measurement Range : Conductivity : 0~200mS/cm spread into 5 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,
Resistivity : 0~100M Ω cm
TDS : 0~100ppt(g/L)
Salinity : 0~100ppt
Temperature : -10.0 ~ 110.0°C

Precision : Conductivity : \pm 1% FS
Temperature : \pm 0.4°C

ATC : 0~50°C
Display : Backlite LCD
Power : 9V/ 500 mA External adaptor or battery backup unit (Optional)

Operating Temperature : 15~45°C
Meter Dimensions(mm) : 165 (L) x 190 (D) x 60 (H)
Meter Weight : 700 g
Electrode : Conductivity electrode - ECNG01
Temperature sensor electrode- ETS01

Power : 9V/ 500 mA External adaptor
Operating Temperature : 15~45°C
Meter Dimensions (mm) : 165 (L) x 190 (D) x 60 (H)
Meter Weight : 700 g

Optional Accessories : Magnetic Stirrer MS-01,
Battery backup unit BBEC-01
Calibration Standards