

# pH/Ion Concentration Meter -CpHI

pH,mv,mg/L,ppm,°C

## Features

- ◆ pH , mV, Ion concentration, Temperature modes.
- ◆ Options of different kinds of Ions.
- ◆ 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.
- ◆ 2 point Ion concentration standard solution calibration.
- ◆ Switching option among 3 measurement units of Ion concentration, pX, mg/L, ppm.
- ◆ 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, Ion concentration unit, 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.



pH  
mv  
Temp.  
ION  
Ref.



## Specifications :

pH Range	: -2.0000~19.999pH
mV Range	: +1999.9mV
Ion Conc. Range	: 0.00~14.00pX(units pX,mg/L,ppm)
Temperature Range	: -10.0 ~ 110.0°C
pH Accuracy	: ±0.002pH
mV Accuracy	: ±0.5mV
Ion Conc. Accuracy	: ±0.5% of reading value (monovalent), : ±1% of reading value (bivalent)
Temperature Accuracy	: ±0.4°C
ATC pH	: 0~100°C
ATC Ion Concentration	: 0~60°C
pH Electrode	: pH combination electrode - EPHG03
Temperature Electrode	: Temperature sensor electrode- ETS01
ION Electrode	: Different ION concentration & different reference electrodes for different ION measurement
Standard Accessories	: Magnetic Stirrer MS-01
Meter Weight	: 700 g