

pH / Dissolved Oxygen Meter - CpHDO

pH, mv, mg/L, ppm, %, °C



Features

- pH, mV, DO, Temperature modes.
- Dissolved oxygen electrode with the salinity measurement feature to achieve automatic salinity & temperature compensation.
- Automatic air pressure correction with the help of air pressure sensor.
- Polarographic type DO electrode offers short polarization time, quick response and precise measurements.
- 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.
- 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, DO, 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	: 0-14pH
mV Range	: ± 1999.9 mV
DO Range	: 0~40.00mg/L(ppm)
Temperature Range	: -10.0 ~ 110.0°C
pH Accuracy	: ± 0.02 pH
mV Accuracy	: ± 1 mV
DO Accuracy	: $\pm 1\%$ F5
Temperature Accuracy	: ± 0.4 °C
ATC pH	: 0~100°C
ATC DO	: 0~45°C
pH Electrode	: pH combination electrode-EpHG07
Temperature Electrode	: Temperature sensor electrode- ETS01
DO Electrode	: DO electrode-EDO01
Standard Accessories	: Magnetic Stirrer MS-01
Meter Weight	: 700 g

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
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