

MULTIPARAMETER METER

FOR WATER QUALITY ANALYSIS CMPM-01

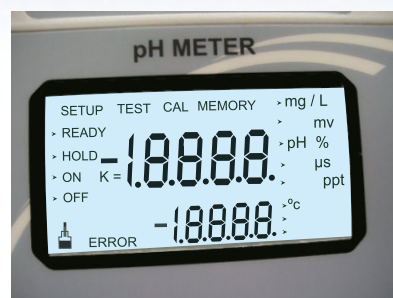
pH, mv, ms, μ S, mg/L, ppt, %, ppm, $^{\circ}$ C

CONTECH[®] Multiparameter Meter is the perfect combination of advanced Electrochemical sensor technology with state of the art electronics and software design. This instrument can measure several parameters, like pH, mV, Conductivity TDS, Salinity, Resistivity, Dissolved oxygen & temperature using different electrodes. Large scale integration of circuit using surface mounted components and dedicated backlite LCD with display of various measuring parameter units for different parameters being measured has enabled to use this compact instrument for the measurement of multiple parameters without any ambiguity. This instrument is very useful where all parameters need to be measured like in the field of environmental protection, water quality checking, disease control, biological agriculture, aqua culture & scientific research.

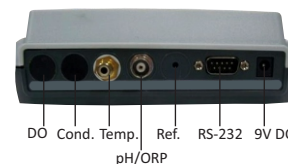


Features

- pH, mV, Conductivity, Resistivity, TDS, Salinity, DO, 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.
- Dissolved oxygen electrode with the salinity measurement feature to achieve automatic salinity & temperature compensation.
- Automatic air pressure compensation for DO with the help of air pressure sensor.
- Polarographic type DO electrode offers short polarization time, quick response and precise measurements.
- 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, 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.



Customised large white backlight LCD with display of various measuring parameter units



Ports for different electrodes on the rear panel

Magnetic Stirrer : CMS-01 Optional

For proper performance of DO Meter, Magnetic Stirrer is must.

Specifications :

	pH	mV	Conductivity	Resistivity	TDS	Salinity	DO	Temp
Range	-2.0000~19.999pH	±1999.9mV	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,	0~100M Ω ·cm	0~100ppt (g/L)	0~100ppt	0~40.00mg/L(ppm),	-10.0~110.0 $^{\circ}$ C
Accuracy	±0.02pH	±1mV	±1% FS				±1% FS	±0.4 $^{\circ}$ C
ATC	0~100 $^{\circ}$ C	0~100 $^{\circ}$ C	0~50 $^{\circ}$ C	0~50 $^{\circ}$ C	0~50 $^{\circ}$ C	0~50 $^{\circ}$ C	0~45 $^{\circ}$ C	
Electrode	EpHG03	EpHG03	ECNG01	ECNG01	ECNG01	ECNG01	EDO01	ETS01

Power : 9V/ 500 mA External adaptor
 Operating Temperature : 15~45 $^{\circ}$ 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