

ORP METER

COR-01

CONTECH[®]

ORP Meter combined with EORP-01 electrode is used for the measurement of oxidation reduction potential (ORP) in liquids. These ORP meters are mainly used in waste water testing. For pH measurements, pH electrode (Optional) should be used. However the instrument has to be recalibrated with pH electrode using pH standard solutions.

Features

- ◆ Rel.mV and temperature measurement.
- ◆ Automatic or manual temperature compensation.
- ◆ Automatic buffer recognition.
- ◆ Bi directional RS232 interface. Baud rate selectable from 1200, 2400,4800 and 9600.
- ◆ Single and continuous print out of Rel.mV.
- ◆ Multiple Printout types. Combinations selectable from Sr. No., Rel.mV, Date, time and temperature.
- ◆ Real Time Clock. Calibration report as per GLP requirements.
- ◆ Electrode Slope display.
- ◆ 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.

Rel.mv, °C



 ORP
 Temp.

Specifications :

ORP Range	: ±2000mV
Temperature range	: 0~100°C
ORP Resolution	: 1mV
ORP Accuracy	: ±1mV
Temperature compensation	: Automatic or Manual
Input Resistance	: >1x10 ¹² Ω
Display	: Backlight LCD, Character height
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
ORP Electrode	: ORP Combination Electrode EORP-01 Temperature Electrode ETS01

* For pH measurements, pH electrode (Optional) should be used. However the instrument has to be recalibrated with pH electrode using pH standard solutions.

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