

## DH30P 0- 8 ppm (mg/L) Dissolved Hydrogen Meter

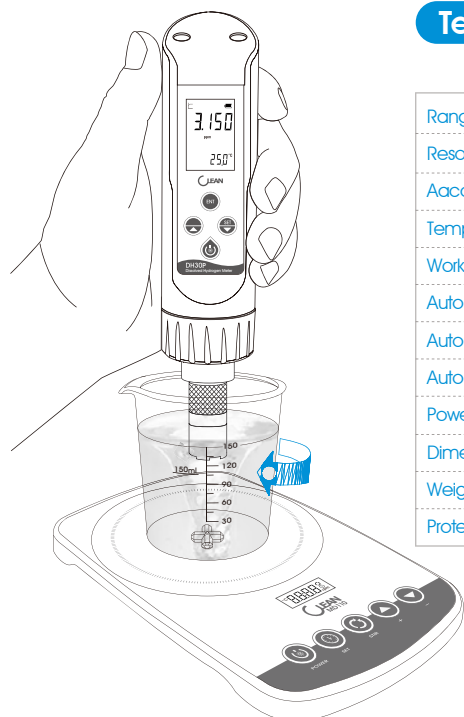
DH30P is designed to measure the partial pressure of dissolved hydrogen based on polarography principle.

Hydrogen molecule in hydrogen water enters the electrode chamber filled with electrolyte through selective semipermeable membrane of electrodes. Under polarization voltage between anode and cathode, current related to the concentration of dissolved hydrogen is generated. With temperature compensation, the concentration value of dissolved hydrogen is obtained. The measurement range of this DH30P is up to 8 ppm. It can be assured to selectively measure dissolved hydrogen without interference from other reducing substances.

The results of measurement can be compared with those of Gas Chromatography.

### DH30P Applications:

All kinds of dissolved hydrogen water concentration measurement, including hydrogen atomizers, and hydrogen generators.



### Technical Specifications

Range	0.000 - 8.000 ppm (mg/L)
Resolution	0.001 mg/L ppm (mg/L)
Accuracy	± 1.5%
Temp. Range	0 - 75.0 °C / 32 - 140 °F
Working Temp.	0 - 75.0 °C / 32 - 140 °F
Auto Temp. Compensation	0 - 75°C
Auto backlight off	10 minute
Auto power off	10 minutes without key be pressed
Power	1x1.5V AAA battery
Dimensions	(H×W×D) 185×40×48 mm
Weight	95g
Protection	IP67

It is suggested to use a magnetic stirrer to get more stable reading value. Or by hand-held agitation measurements.

