

Portable Dissolved Hydrogen Meter

ENH-2000

Measures up to 3000ppb hydrogen concentration

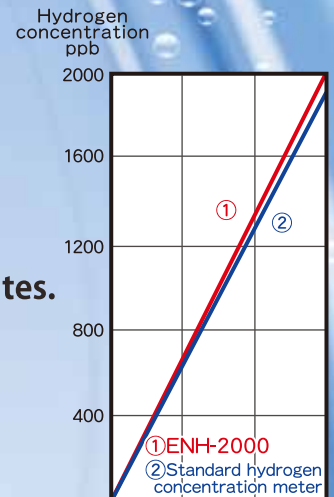


Photo shows "1493ppb" of dissolved hydrogen.

- Easy to carry.
- Reading hold and Max/Min function.
- Display dissolved hydrogen and temperature reading simultaneously.
- High accurate sensor, and sensor module is easy to be exchanged.
- Users can choose ppm or ppb.
- Automatically power off after 10 minutes.



This measuring instrument has been developed for measuring dissolved hydrogen in the hydrogen water produced by hydrogen water generators and hydrogen generation apparatuses. This product uses a special sensor. Do not use this instrument for hot water, alkaline ionized water, salt water, juice, tea, and supplement diluted water, etc. If you use this product for liquids other than hydrogen water, the displayed measured value will not indicate the hydrogen concentration.



ENH-2000 performance comparison
(In-house measurement)



■ Price (excluding tax)

57,000 yen

- Supervision: Takeshi Ishii, Professor Emeritus of Okayama University of Science
- Recommendation: Japan Hydrogen Promotion Association

〈 Items included in the package 〉

Main unit, User instructions, Batteries (CR-2032) × 8 (4 batteries are already installed in ENH-2000 meter), Sensor moistening liquid bottles, Sensor cleaning sand paper, Spare O-ring, Small screwdriver for changing battery and Carrying case

〈 Specifications 〉

- Measuring object: Dissolved hydrogen in liquids
- Measurement method: Hydrogen reduction method
- Measurement range: 0 to 3000 ppb/L
- Detection unit: 1 ppb
- Accuracy: +/-10%
- Dimensions: 40mm (W) x 170 (H) x 26mm (D)
- Weight: 102g (including batteries)

What is the hydrogen reduction method ?

This method is a measuring technique that detects the oxidation reduction potential (ORP) in a solution and converts the detected value into the dissolved hydrogen concentration value. Our company's original analysis technology and special sensor make it easy to measure the hydrogen concentration, which used to be a difficult and costly task in the past.

Take advantage of our product to expand your sales of highly reliable hydrogen water and other business.

[Important information]

When water with a low ORP is measured, a high hydrogen concentration value may be displayed on ENH-2000, even if this water does not contain hydrogen. Be sure to use ENH-2000 for measuring the hydrogen concentration in hydrogen water.