

WS PRO2 Vision H2 (1 ppm - 1000 ppm)



The WS Pro2 Vision H2 has been specifically developed to provide accurate residual oxygen measurement during purging and welding operations, helping operators achieve the required oxygen levels before welding begins.

Unlike traditional zirconium oxide sensors, which require high operating temperatures and are subject to wear, the WS Pro2 Vision H2 sensor operates at ambient temperature and offers an expected service life exceeding 10 years without degradation.

Compared with conventional optical oxygen sensors, the WS Pro2 Vision H2 sensor incorporates advanced signal processing and compensation algorithms, providing superior long-term stability, improved accuracy at low ppm levels, and exceptional resistance to environmental influences.

A major advantage of the optical quench technology is its immunity to humidity and condensation damage. While moisture may affect the ability to accurately measure certain gas mixtures, it will not damage the sensor, ensuring long-term reliability in demanding industrial environments.

Features

- **Optical quench sensor (1 - 1000 ppm)**
- Measurable gas types: Ar, N2, He, Ar-H2, N2-H2 as well as residual moisture
- Sensor cell lifetime: >10 years
- Bluetooth connectivity
- Battery: 3,7 VDC, Lithium-ion, Type 18650
- Battery life: 11 hours
- Power supply: 5VDC via USB-C
- Filter: Luer-Lok, 45 µm
- Suction hose: Acrylic, Ø3 mm
- Display: 1,9" AMOLED
- Adjustable acoustic and visual alarms
- Dimensions: 160 mm x 75 mm x 50 mm
- Weight: 0,32 kg
- Soft housing providing integrated protection for the device
- Key ring on top of device