acniti LLC
1-2-9 Nyoidani
Minoh Osaka
562-0011
Japan

hydrogen peroxide water monitor

Reliable water monitoring for hydrogen peroxide. Maintain the hydrogen peroxide concentration in your water processes safely and accurately. Our water monitors provide continuous measurement, monitoring, and alarming – essential for safe disinfection and optimal process quality.

hydrogen peroxide water monitor

hydrogen peroxide water concentration meter

- Wide measurement range: detects hydrogen peroxide concentrations from 0 to 8,000 mg/L
- Reliable UV absorption technology for continuous measurements
- High measurement accuracy: linearity of ±1% FS and repeatability of less than 1% FS
- Low drift values: span drift of ±1% FS/month and zero drift of ±3% FS/month
- Supports both pressure feed and pump suction, with PTFE connections for 1/4-inch tubing
- Provides 4-20 mA and 0-1 V or 0-10 V output signals for easy integration with existing systems
- Measures 220 × 105 × 150 mm and weighs about 2.2 kg, ideal for confined spaces.
- Suitable for applications in water treatment, food processing, pharmaceutical industry and more.
- Easy operation and maintenance, designed for long-term and reliable operation

accurate h_2o_2 measurements for reliable process monitoring

An advanced hydrogen peroxide monitor explicitly developed for accurate measurement of H_2O_2 concentrations in water. Thanks to its integrated UV absorption technology, this compact measurement system provides stable, continuous, and highly reliable data for a variety of applications, including water treatment, food processing, pharmaceuticals, and industrial process control.

why choose acniti's hydrogen peroxide monitor?

A hydrogen peroxide (H_2O_2) sensor provides safety, control, and efficiency in various applications:

- Prevents dangerous concentrations in industrial environments.
- Ensures accurate dosing in manufacturing processes.
- Keeps H_2O_2 levels under control in water treatment.
- Enables precise measurements in laboratories and research.
- Monitors food safety in package disinfection.

With a measurement range of up to 8000 mg/L, this monitor can be used flexibly in both low- and high-concentration environments. Accuracy is high, with a linearity of ±1% full scale (FS) and repeatability of less than 1%—the EJOOO 7620 guarantees constant performance, even in long-term operation.

The stable drift values (±1% FS/month for span and ±3% FS/month for zero) ensure that measurement results remain reliable over time, minimizing maintenance.

Features at a glance:

- Wide measurement range: 0 - 8000 mg/L hydrogen peroxide
- Advanced UV absorption technology: For instant and accurate measurement
- High accuracy: Linearity ±1% FS, repeatability <1% FS
- Minimal drift: Maintains reliability without frequent recalibration
- Two measurement methods are possible: Pressure feed or pump suction
- Universal connections: PTFE fittings for 1/4-inch tubing
- Easy integration: Output signals 4-20 mA, 0-1 V, or 0-10 V
- Compact size: Only 2.2 kg and 22 × 10.5 × 15 cm in size
- Application-oriented design: Suitable for both permanent setups and mobile units

common applications

- Drinking water treatment
- Disinfection in the food industry
- Process water monitoring in the pharmaceutical industry
- Monitoring of CIP (Clean-In-Place) systems
- Industrial water recycling

Whether you're working with low concentrations of H_2O_2 in drinking water or high levels in industrial processes, Acniti's hydrogen peroxide monitor helps you stay safe, efficient, and compliant with standards.

hpwm

	Description	Metric	Imperial
1	Model name	hpwm	hpwm
2	Model number	hpwm	hpwm
	Liquid	**Metric**	**Imperial**
3	Strainer availability and size		
	Gas	**Metric**	**Imperial**
4	Gas quality		
5	Gas remark		
	Connections	**Metric**	**Imperial**
6	Water inlet		
7	Water outlet		
8	Gas inlet		