

Pre-calibrated, interchangeable smart sensors for hydrogen peroxide and peracetic acid monitoring.

ATi are a global leader and one of only a few companies in the world who manufacture and supply smart sensors for hydrogen peroxide (H₂O₂) and peracetic acid (PAA).

Our industry-leading sensors are manufactured under the most stringent conditions and tested rigorously to ensure their accuracy and reliability.

Advanced smart sensor technology

Each ATi smart sensor is a sensor, amplifier and memory module in one compact package. This unique and innovative design allows our smart sensors to be factory pre-calibrated, ready to be simply plugged into any one of our monitors for immediate use. When installed in a gas detector, calibration data is loaded into the microprocessor, so that no adjustments are needed. The result is a gas detector that, for example, can go from measuring hydrogen peroxide to peracetic acid in less than one minute.



Versatility

When the smart sensor is used with our portable D16 PortaSens III gas detector, it has the unique ability to measure a variety of different gases by simply inserting the appropriate sensor. This makes the D16 PortaSens III gas detector a cost-effective and flexible way of measuring over 60 different gases or vapours, reducing the need to purchase individual detectors for each type of gas. The gas sensors for the detector can be changed quickly and easily, with no need for calibration when a gas sensor change is made.

Each smart sensor is factory calibrated at the time of shipment and is ready to use by plugging it into the receptacle in the manifold. Each sensor can be used for logging data over the ranges indicated below.

Part No.	Gas	Measuring Range
00-1042	Hydrogen Peroxide (H ₂ O ₂)	Low range 0-10/100ppm
00-1704	Peracetic Acid (PAA)	Low range 0-1/5ppm
00-1705	Peracetic Acid (PAA)	High range 10/100ppm

Applications include:

- Improve safety for post fogging/decontamination of a room
- Staff safety as 'quick speed' of pumped sample allows for immediate detection
- Auditing with continuous sampling and logging for verification evidence
- Leak detection for equipment spillage and wear & tear



High range hydrogen peroxide and peracetic acid smart sensors are also available. For further information on our extended range of sensors which are available to measure over 60 different gases, please contact our sales team.

ATi UK is a leading provider of engineered, analytical sensor monitoring solutions to the water and gas industry. Our pioneering and industry leading range of Network Monitors, Water Quality Monitors and Gas Detectors provide innovative solutions for the most demanding of applications.

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