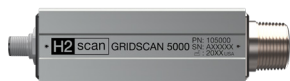


TRANSFORMER MONITORING

CONTINUOUS HYDROGEN DETECTION

H2scan Hydrogen Transformer Monitors

H2scan's hydrogen specific smart sensors are ideal for real-time, continuous, key gas measurements that can enhance asset reliability, increase plant uptime, reduce maintenance costs, and help maintain industry compliance.



General Purpose H₂ (5000)
High H₂ (5015)
H₂ and Temperature



H₂, Moisture, Pressure and
Temperature

Advantages

- Real time, continuous hydrogen measurement
- Auto calibration
- No cross sensitivity to other combustible gases
- High reliability, low life cycle cost

Model	GRIDSCAN [®] 5000 Series	GRIDSCAN 6000
-------	-----------------------------------	---------------

Model	H ₂ Measurement Range	Accuracy	Repeatability	Operating Temperature (Ambient)	Sensor Temperature Range
5000, 5010	Oil Phase: 25 - 5,000 ppm Gas Phase: 25 - 5,000 ppm in-oil equivalent	20%	10%	-40°C to 70°C (-40°F to 158°F)	Oil Phase: -40°C to 105°C (-40°F to 221°F) Gas Phase: -40°C to 80°C (-40°F to 176°F)
5000 HP	Oil Phase: 25 - 5,000 ppm Gas Phase: 25 - 5,000 ppm in-oil equivalent	10%	10%	-40°C to 70°C (-40°F to 158°F)	Oil Phase: -40°C to 105°C (-40°F to 221°F)
5015	250 - 50,000 ppm	20%	10%	-20°C to 70°C (-4°F to 158°F)	Gas Phase: -40°C to 80°C (-40°F to 176°F)
6000	25 - 5000 ppm	20%	10%	-20°C to 70°C (-4°F to 158°F)	Gas Phase: -40°C to 125°C (-40°F to 257°F)

Hydrogen Sensor Accessories



HYVIEW[®] Modbus Display

Displays H₂ in percent or ppm locally for instant indication



GSAO-1

Modbus to 0-5V/4-20mA

Converts GRIDSCAN Modbus signal to analog output



GSAO-2

I/O Control Hub

Local display with analog I/O, alarms relay and communications



Sentinel[™] PRO

IoT Monitor

Wireless Communication hub for GRIDSCAN sensors with optional embedded LV Power Quality Measurement



H2cloud[™]

Fleet Monitoring Platform

Cloud-based platform for real-time access to transformer fleet and PQ data with secure data archiving