

HY-GUARD® SYSTEM

Self-Calibrating Hydrogen System
with Visibility for Lithium-Ion
and Aqueous Battery Storage Systems

Intelligence
That Drives
Action



Gain Accuracy/Visibility.

Improve Safety.

The HY-GUARD Battery Safety System provides an integrated approach to hydrogen monitoring and battery safety, combining rapid detection, continuous self-calibration, and centralized system visibility for aqueous and lithium-ion battery applications. HY-GUARD continuously monitors for hydrogen off-gas to provide early indication of developing battery conditions, while connected system intelligence brings sensor data, status, and alerts together for clear, actionable awareness. By turning early detection into actionable insight, HY-GUARD helps operators identify hydrogen rising, respond faster, and take action before conditions escalate, delivering greater situational intelligence and confidence across battery installations.



- + Complete Awareness
- + Central Monitoring
- + Rapid Early Detection
- + Informed Response



The HY-GUARD Battery Safety System delivers rapid hydrogen detection, continuous monitoring, and centralized visibility in one integrated solution. By combining early detection with real-time system status, alerts, and actionable sensor insights, HY-GUARD helps operators quickly identify developing risks, pinpoint affected areas, and take informed action before conditions escalate across lead acid, lithium-ion, and many more battery environments.



**24/7
Detection
Perfection with
AccuSmart™**

H2scan®
Monitor. Manage. Momentum.

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