

GALAXY® GX2 Automated Test System



Frequently Asked Questions

1. *The GALAXY GX2 System offers options to bump test, calibrate or bump test and automatically calibrate following a failed bump test. What are the benefits of one test over the other?*

Bump test (function check) — a qualitative function check.

This action is a check of the unit's ability to respond to a known concentration of gas within a given amount time. For typical applications, a bump test is sufficient to inform you of the detector's general functionality.

Full calibration (accuracy adjustment) — adjustment of sensor response to match the known traceable calibration gas concentration. If high accuracy is desired, daily calibration is allowed and will not damage sensors or shorten their life. The GALAXY GX2 System, when used with MSA XCell® Sensors, uses an active calibration algorithm to minimize calibration time and reduce gas usage as much as possible.

Bump test and calibration on failure — this action combines the two modes referenced above. Upon failure of the qualitative function check, the unit will be automatically calibrated.

2. *Why is there no power switch on the GALAXY GX2 System test stand?*

The GALAXY GX2 System provides a built-in power-saving feature that enables the instrument to save power while not in use and avoid wasting warm-up time. These features save users time and power at the same time.

3. *I already have a calibration system (MSA GALAXY System or other); why would I upgrade to a GALAXY GX2 System?*

Calibration gas savings add up and your costs break even quickly. System offers true hands-on gas detection fleet management with easy access to all data and end-of-sensor-life warnings.

4. *What are the advantages of an integrated multi-unit charger?*

MSA has created a better user experience for portable gas detection customers through a hub design. Users can perform all necessary functions including calibration, charging, storing, etc. at one location. This system uses fewer cables and power connections, is easier to manage and fit within in a small space and is much more cost-effective.

5. *How much training is required to learn use of the GALAXY GX2 System?*

Almost none for the general worker, as this system offers ease of use, intuitive color touch screen, simulator for comprehensive training, automatic RFID setup, and password-protected access.

6. *Is it more cost-efficient to own or to lease gas detection equipment?*

This difference can be easily calculated. Why would you lease something when you can own it for less money? GALAXY GX2 System cost of ownership enables owning it to be a very attractive financial decision. Use of the GALAXY GX2 System offers greater than 50% reduction in cost of ownership including calibration gas expenses when combined with high-performance MSA XCell Sensors.

7. *What are the advantages of using RFID-tagged calibration gas cylinders?*

Advantages include status alerts, traceability, prior notification, and reduction of user errors. Gas cylinder information necessary for successful calibration is automatically entered when using RFID-tagged gas cylinders, providing users with exceptionally easy setup. Onscreen gas cylinder pressure gauge shows the status of multiple cylinders simultaneously, providing a simpler user experience. The electronic cylinder holder also provides visual clues as to gas status via the light bar, and optionally via e-mail alerts and MSA Grid Fleet Manager Software dashboard alerts.

8. *How will the GALAXY GX2 System save me time?*

This fully-automated system offers scheduled alerts and industry-leading ease of use. Integrated warnings such as end-of-sensor-life and reduced quantities of necessary calibration gas allow for proactive maintenance and reduced down time. MSA's patented gas delivery system allows for simultaneous bump testing or calibration of up to ten units within a full GALAXY GX2 System bank. Patented MSA XCell Sensor fast response times combined with smart GALAXY GX2 System calibration algorithms allow for faster bump tests, faster calibrations and much more efficient use of employee time.

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