

GALAXY[®] GX2 Automated Test System

Frequently Asked Questions: Technical

1 Why is the GALAXY GX2 System's bump test function different from the test offered on the original GALAXY Automated Test System?

The original GALAXY System allowed for user-adjustable test tolerances. Unfortunately, when using the default settings, this test took almost as long as full span calibration and used about the same amount of gas.

The GALAXY GX2 System offers an extremely fast bump (functional) test and also offers reduced calibration times. Users wanting to verify instrument functionality will now be able to do it faster and with reduced gas usage. Customers who want to maintain maximum accuracy may choose to calibrate instead of bump test. A span calibration of GALAXY GX2 System **big 4** XCell[®] Sensors uses less gas than a default bump test performed using the original GALAXY System. Increased calibration intervals will not decrease sensor life.

2 What is classic mode?

In **classic mode**, the GALAXY GX2 System tests or calibrates instruments each time they are inserted into test stands, regardless of due date. When the GALAXY GX2 System has classic mode disabled, the system will test only when a test is due, or is within five calendar days of the due date.

3 Is there a GALAXY GX2 System test stand available for MSA Sirius[®] PID Detectors?

The original GALAXY System Test Stand will continue to be offered for the Sirius PID Detector. The GALAXY GX2 System is fully functional with the MSA's ALTAIR[®] Gas Detector family (ALTAIR and ALTAIR Pro Single-Gas Detectors, ALTAIR 4, ALTAIR 4X, ALTAIR 5, and ALTAIR 5X Multigas Detectors).

4 Can a non-MSA gas cylinder without RFID be used with the GALAXY GX2 System?

Yes, as long as the cylinder gas matches requirements for bump test or calibration for the specific device.

5 What does the electronic cylinder holder do as compared to the non-electronic version?

The electronic cylinder holder offers RFID tag readings and digital pressure readouts. RFID helps to fully automate calibration gas setup by automatically providing part numbers, gas types, concentrations, expiration date, and lot number. Both RFID and digital pressure readouts provide live diagnostics as to the gas cylinder's expiration and volume.

6 Can the GALAXY GX2 System be operated without electronic or non-electronic cylinder holders, and what is the difference between the two?

Yes, the GALAXY GX2 System can be used with or without a cylinder holder. The difference between electronic and non-electronic versions is the RFID tag and the digital pressure sensor that provides electronic pressure readings. End users can use a small or large gas cylinder and run that supply via corresponding connections directly into GALAXY GX2 System test stands.

7 Do I need a PC for data download using the GALAXY GX2 System?

Yes, use of a PC and MSA Link[™] Pro Software via network connection is required to download data logs from instruments. When the test stand is networked to a PC through the Ethernet port, test records, data logs and settings will transmit from the GALAXY GX2 System to the PC interface. Due to potentially large file sizes, data logs are not saved to the test stand's memory card.

8 Does the gas detector go to measure mode after bump test or calibration?

When removing the instrument, it may still be in IR CAL mode. To exit IR CAL mode, do the following: For ALTAIR and ALTAIR Pro Single-Gas Detectors, press the TEST button; for ALTAIR 4/4X Detectors and ALTAIR 5/5X Detectors, press the right hand button. If left untouched, IR CAL mode will automatically reset to operating mode.

Note: This bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.

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