

# MSA Galaxy™ Automated Test System





Automated record-keeping and calibration system for MSA portable gas detection instruments. System is stand-alone, requiring no computer, controller or network interface. Minimal training is required, as all gas tubing and communication paths are pre-connected.

- ➔ Durable, innovative design
- ➔ Value-driven performance
- ➔ High quality, cost-effective autocalibration solution
- ➔ Pressure-demand regulator doesn't waste calibration gas
- ➔ Industry-standard memory card
- ➔ Instrument charging option available
- ➔ Optional replaceable battery pack
- ➔ Standard web browser accessibility for data retrieval and reporting

The Galaxy Automated Test System is an easy-to-use, versatile and durable calibration and test system that offers simplicity, incredible performance, and is able to withstand the harshest of environments, all at an affordable price. Simply place the instrument in the test stand and close the door. The system performs the test automatically; no other user intervention is required. MSA instruments that are compatible with Galaxy System are Solaris®, Orion® and Sirius® Multigas Detectors and the ALTAIR Single-Gas Detector. The ALTAIR Detector version of the Galaxy Test system has no door and only requires a simple push of the instrument's test button to initiate calibration.

This test system does not require a computer or network interface for any mode of operation; the system can operate completely standalone, or be connected to a computer network. Setup is easy and fast as due to pre-connected tubing within each Galaxy Test Stand. The optional cylinder holder allows for simple connection of the gas cylinder to the Galaxy Test Stand, completing the setup. Up to ten test modules can be interconnected for simple expendability.

The Galaxy Automated Test System helps to lower the overall total cost of ownership of your current MSA gas detection instruments. With the automated recordkeeping capabilities available with each Galaxy Test Stand, there's no need to keep hand-written records of an instrument's calibration history. The Galaxy Test System comes with a two-year, all inclusive warranty.

#### Easy-to-Understand Pass/Fail Indicators

High-intensity LEDs provide quick, unmistakable notification of a successful calibration or test.



#### Multiple System Interconnectivity

Up to 10 specific and different Galaxy modules can be interconnected. All of the tubing and connections are pre-linked within each Galaxy Test Stand, eliminating the guess work of calibration gas and electronic connectivity.

#### Instrument Charging

As an added feature, some MSA instruments can be recharged on the Galaxy Test System. The instrument charge feature is automatic after a successful bump or calibration, making the Galaxy System fully automated. At the end of the day, simply place your MSA portable gas detector in the Test Stand and the next day your instrument is calibrated, fully charged and ready for use.

#### Industry-Standard Memory Card

An industry-standard memory flash card is also available for simple data retention of more than 1000 individual test records. When multiple Galaxy System test stands are interconnected, the data from all test stands is shared



on a single memory card. The data from the memory card is then retrieved by a card reader that interfaces to your computer and presented in an easy-to-understand format.

### Optional Replaceable Battery Pack

For areas where AC power may not be accessible, the Galaxy System has an optional battery pack available. This innovative and cost-effective solution utilizes replaceable AA alkaline batteries and can provide up to 100 calibrations or bump checks per instrument Test Stand!



### Optional Printer

An optional printer is also available for the Galaxy Automated Test System. This option is the perfect solution for attaching the most current calibration record to your confined space entry permit or maintaining a calibration log book.

### Desktop or Wall-Mount



With various lengths of din rail available, any combination of up to 10 Galaxy units and 3 cylinder holders can be mounted to a wall. This is very beneficial for installations where desk space is limited.

### Inventive System Door

The system door has multiple functions. The door operates as a device to ensure proper gas flow to the MSA instrument, providing confidence that the gas detection instrument is being tested properly. The door also functions



as the method to provide the proper connection when charging your MSA instrument, as well as a dust cover to keep unwanted debris from entering the Test Stand during test.

### Robust Design

As you've come to expect from all of MSA's equipment, the Galaxy Test Stand, molded out of high-strength polycarbonate plastic, will withstand the harshest of environments.

### In-line Gas Cylinder Holder

An additional feature of the Galaxy Automated Test System, the gas cylinder holder (patent pending), helps keep the work area uncluttered; an MSA exclusive.



### Network Interface

For the fully-featured version of Galaxy Automated Test System, an optional network interface is available. This interface is offered for wired (Ethernet) networks. The Galaxy System interface for data retrieval and reporting is extremely easy to use. Any web browser such as Internet Explorer or Netscape Navigator can be used to access the data of a network-enabled Galaxy Automated Test System. Calibration records, due date for instrument calibration, and email notification are just a few of the capabilities of this interface.

### Instrument Inventory

The information in the instrument



inventory of the Galaxy System Network Interface includes instrument

type, serial number, test stand location and last calibration date as well as the type of test performed. A complete report of the inventory can also be printed from this screen. Instruments which are due for calibration are clearly highlighted in red, and those which have recently been successfully calibrated are green, providing clear understanding of an instrument's calibration status at a glance.

### Settings

Nearly all settings of a Galaxy System test stand can be modified via the network interface. The type of test,



calibration due interval and cylinder configuration are just a few of the settings that can be easily modified.

### Email Notification

By simply checking a box, the Galaxy System network interface will notify via email up to two recipients when an instrument is due for calibration or has failed calibration. The email notification delivery is completely user settable to automatically send this notification at a particular time on any given day.

### Network Manager

The Galaxy System network manager software provides access to multiple network-enabled Galaxy System test stands. The network manager performs many of the same functions of the standard network interface; however it combines all instrument inventories and last calibration data from the entire network and displays the data in an easy-to-understand format.

<b>Ordering Information</b> All Galaxy kits include 1 complete Galaxy System, North American power supply, instruction manual, and required filters and tubing.	<b>Solaris® Galaxy Kits Part Number</b>	<b>Sirius® Galaxy Kits Part Number</b>	<b>Orion® Galaxy Kits Part Number</b>	<b>ALTAIR® Galaxy Kits Part Number</b>	<b>Orion® plus Galaxy Kits Part Number</b>
<b>Basic Standalone Kit</b>					
Basic System	10061051	10061050	10061824	10078252	10082571
<b>Standard Standalone Kits (Includes Regulator)</b>					
Standard System	10061783	10061810	10061825	10078253	10082577
Standard System + Charging	10061784	10061811	10061826	—	10082582
Standard System + Cylinder Holder	10061785	10061812	10061827	10078254	10082585
Standard System + Charging, Cylinder Holder	10061786	10061813	10061828	—	10082592
<b>Smart Standalone Kits (Includes Regulator, Memory Card)</b>					
Smart System	10061787	10061814	10061829	10078255	10082580
Smart System + Charging	10061788	10061815	10061830	—	10082583
Smart System + Cylinder Holder	10061789	10061816	10061841	10078256	10082586
Smart System + Charging, Cylinder Holder	10061790	10061817	10061842	—	10082595
<b>Portable Kits (Includes Regulator, Battery Pack)</b>					
Portable System	10061802	10061818	10061843	10078257	10082572
Portable System + Memory Card, Cylinder Holder	10061801	10061819	10061844	10078258	10082584
<b>Network Kits (Includes Regulator, Wired Ethernet Access)</b>					
Wired Network System	10061803	10061820	10061845	10078259	10082578
Wired Network System + Charging, Cylinder Holder	10061804	10061821	10061847	—	10082593

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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