

GALAXY® Automated Test System



*Because every life has a **purpose...***

Automated record keeping and calibration system for MSA portable gas detection instruments. System is stand-alone, requiring no computer, controller or network interface. 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 capability to withstand the harshest 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 the GALAXY System are Solaris®, Orion®, Sirius®, and ALTAIR® Multigas Detectors. The ALTAIR 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 stand-alone or can be connected to a computer network. Setup is easy and fast due to pre-connected tubing within each GALAXY System test stand. The optional cylinder holder allows for simple connection of calibration gas to the GALAXY System test stand, completing the setup. Up to ten test modules can be interconnected for simple expandability.

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

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.

Robust Design

The GALAXY System test stand is molded of high-strength polycarbonate plastic and withstands the harshest environments.

In-Line Gas Cylinder Holder

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

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 are easily modified.

Network Manager

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 data in an easy-to-understand format.

	<p>EASY-TO-UNDERSTAND PASS/FAIL INDICATORS</p>	<p>High-intensity LEDs provide quick, unmistakable notification of successful calibration or bump test.</p>
	<p>MULTIPLE SYSTEM INTERCONNECTIVITY</p>	<p>Up to 10 instrument-specific GALAXY Test System modules can be interconnected. All connections are pre-linked within each GALAXY System Test, eliminating guesswork of calibration gas and electronic connectivity.</p>
	<p>INSTRUMENT CHARGING</p>	<p>As an added feature, some MSA instruments can be recharged using the GALAXY System. The instrument charge feature is automatic after 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.</p>



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, data from all test stands is shared on a single memory card. The memory card data is then retrieved by a card reader that interfaces to your computer and is 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 uses replaceable AA alkaline batteries and can provide up to 100 calibrations or bump checks per instrument test stand.



DESK OR WALL-MOUNT

With various lengths of DIN rail available, any combination of up to 10 GALAXY System test stands and three cylinder holders can be mounted to a wall, a beneficial feature for installations where desk space is limited.



INNOVATIVE SYSTEM DOOR

The system door has multiple functions:

- Ensures proper gas flow
- Provides proper connection when charging your MSA portable instrument
- Acts as a dust cover to keep unwanted debris from entering the test stand



NETWORK INTERFACE

For the fully-featured version of the 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 can be used to access data of a network-enabled GALAXY Automated Test System. Calibration records, due date for instrument calibration and email notification are just a few of this interface's capabilities.



INSTRUMENT INVENTORY

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 inventory report can also be printed from this screen. Instruments due for calibration are clearly highlighted in red and those that have recently been successfully calibrated are highlighted in green, providing clear understanding of an instrument's calibration status at a glance.



EMAIL NOTIFICATION

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

Ordering information

All GALAXY System kits include one complete System, North American power supply, instruction manual, and required filters and tubing.

	ALTAIR 5 Pumped GALAXY Kits	ALTAIR 5 Diffusion GALAXY Kits	ALTAIR 4 GALAXY Kits	Solaris GALAXY Kits	Sirius GALAXY Kits	ALTAIR GALAXY Kits
DESCRIPTION	P/N	P/N	P/N	P/N	P/N	P/N
BASIC STAND-ALONE KIT						
BASIC SYSTEM	10090589	10090552	10089964	10061051	10061050	10078252
STANDARD STAND-ALONE KIT (includes regulator)						
STANDARD SYSTEM	10090603	10090618	10089998	10061783	10061810	10078253
STANDARD SYSTEM + CHARGING	10090600	10090615	10089995	10061784	10061811	—
STANDARD SYSTEM + CYLINDER HOLDER	10090602	10090617	10089997	10061785	10061812	10078254
STANDARD SYSTEM + CHARGING CYLINDER HOLDER	10090601	10090616	10089996	10061786	10061813	—
SMART STAND-ALONE KIT (includes regulator, memory card)						
SMART SYSTEM	10090594	10090583	10089969	10061787	10061814	10078255
SMART SYSTEM + CHARGING	10090590	10090579	10089965	10061788	10061815	—
SMART SYSTEM + CYLINDER HOLDER	10090593	10090582	10089968	10061789	10061816	10078256
SMART SYSTEM + CHARGING CYLINDER HOLDER	10090592	10090581	10089967	10061790	10061817	—
PORTABLE KITS (includes regulator, battery pack)						
PORTABLE SYSTEM	10090599	10090588	10089994	10061802	10061818	10078257
PORTABLE SYSTEM + MEMORY CARD, CYLINDER HOLDER	10090598	10090587	10089993	10061801	10061819	10078258
WIRED NETWORK KITS (includes regulator, wired Ethernet access)						
WIRED NETWORK SYSTEM	10090608	10090623	10090003	10061803	10061820	10078259
WIRED NETWORK SYSTEM + CHARGING CYLINDER HOLDER	10090607	10090622	10090002	10061804	10061821	—

ALTAIR QuickCheck Station

Fast, easy bump tests. Maintenance free. Checks instrument's visual, audible and vibrating alarms. Easy-to-understand LEDs show tests in progress and pass/fail status. Compatible with most ALTAIR and ALTAIR Pro Detectors.

GAS TYPE	MANUAL REGULATOR	AUTOMATIC REGULATOR
O ₂ /CO/H ₂ S/SO ₂ /NO ₂	10076692	10076704
CL ₂ /ClO ₂	10076701	10076713
NH ₃	10076695	10076707
HCN	10076698	10076710

GALAXY System Kits / Calibration Cylinders / Replacement Parts

DESCRIPTION	P/N	DESCRIPTION	P/N	DESCRIPTION	P/N
ACCESSORIES		ACCESSORIES		POWER SUPPLY	
DEMAND FLOW REGULATOR	710288	DIN RAIL KIT FOR WALL MOUNTING (3 UNITS)	10062364	NORTH AMERICAN POWER SUPPLY	10047342
MEMORY CARD READER	10061058	DIN RAIL KIT FOR WALL MOUNTING (6 UNITS)	10062365	GLOBAL POWER SUPPLY	10047343
MEMORY CARD	10061059	DIN RAIL KIT FOR WALL MOUNTING (13 UNITS)	10062366	BATTERY PACK MODULE	10062273
CYLINDER HOLDER	10062235	GALAXY WIRED NETWORK INTERFACE	10062274	MULTI-UNIT (10) POWER SUPPLY	10069498
GALAXY END CAP	10061219	GALAXY TEST STAND PRINTER	10066386	OPERATIONAL AIDES	
HIGH CAPACITY FRESH AIR FILTER	10062363			GALAXY OVERVIEW (CD)	10062936
FRESH AIR FILTER	10050789			GALAXY INSTRUCTION MANUAL (PAPER)	10061049
PRINTER CABLE	10067705			GALAXY INSTRUCTION MANUAL (CD)	10062930
				GALAXY NETWORK INTERFACE SOFTWARE & MANUAL (CD)	10067706

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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