

GALAXY[®]GX2 Automated Test System

SIMPLICITY COUNTS

MSA's New GALAXY GX2 Automated Test System / Advanced Safety Management...Effortless Operation



SIMPLICITY COUNTS

The new **GALAXY GX2 Automated Test System** provides simple and intelligent testing and calibration of and ALTAIR PRO Single-Gas Detectors, as well as ALTAIR 4X and ALTAIR 5X Multigas Detectors, driven by the m technology available in any portable gas detector: MSA XCell[®] Sensors.

This easy-to-use automated test stand offers high performance as either a stand-alone unit or an integrated portable detector management system, enabling total data access and control of MSA's ALTAIR Gas Detector fleet. Once any ALTAIR Family Gas Detector is placed within the GALAXY GX2 System, it can be tested, calibrated and charged automatically. Flexibility allows for up to 10 test stations, four cylinder holders and multi-unit charger within one GALAXY GX2 System detector bank.

Ease of Use

Calibrate & Test Effortlessly

- Easy setup, simple use with touch-free testing.
- Color touch screen enhances user experience at the test stand.
- Can be used with a PC or as a stand-alone system, the perfect solution for large fleet end users, as well as for smaller applications.
- Automated test system and MSA Link[™] Software (transfers portable gas detector records to a connected PC) provided as standard in many commonly spoken languages.
- Your ALTAIR 4X and ALTAIR 5X Multigas Detectors are always ready for use. If you're faced with an urgent, short-notice situation, these units are ready for deployment, ideal for emergency applications.

Cost of Ownership

Save Time, Save Gas & Save Money

- Exceeds 50% reduction in cost of ownership, including calibration gas expenses when combined with high-performance MSA XCell Sensors.
- Faster total testing of ALTAIR Family Gas Detectors.
- Test up to 10 gas detectors simultaneously in the time most competitive systems take to test one device.
- RFID-tagged calibration gas cylinders to help ensure use of correct gas.

Proactive Safety *Command, Control*

- With MSA Link Promanage safety by information and n and bump tests.
- Calibration gas an provided by the G via advanced MSA
- Print calibration st to provide easy ar
- Query the system and then email res



MSA ALTAIR® ost advanced



ol, Configure

Software, proactively addressing gas exposure nissing or failed calibrations

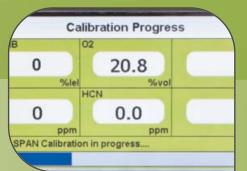
d expiration warnings ALAXY GX2 System and Link Pro Software.

tickers for gas detectors nd fast user information.

for gas exposures, sponses to users.

Color touch screen for ease of setup and viewing; no touch operation is needed to calibration or bump test

Clear and intuitive navigation via large touch buttons and scrolling arrows. When stand popup screen and detailed information on PC dashboard.





Visual indicators on GALAXY GX2 System and software

Status at a glance is provided through various light indicators: test stand pass/fail LED, charging progress LEDs on multi-unit charger and lighted cylinder band on electronic cylinder holder for low gas and expiration date warning display.

RFID automated calibration gas setup, status alerts and traceability

Gas cylinder information necessary for entered when using RFID-tagged gas exceptionally easy setup. Onscreen gas cylinder pressure gauge shows multiple cylinder status simultaneously.

Cylinder 1

15 % 02.

60 ppm CO

20 ppm H2S

MSA Link Pro and MSA Link Software

Redesigned software interface offers

efficient setup; configure every detector's

set points quickly and save settings.

Overdue calibration and bump test email

notifications are delivered via MSA Link Pro

Software and an active network connection.

Master test stand sends scheduled emails

based upon detector conditions and events.

1.45 % Methane,

58 % LEL Pentane

Part Number: 10048280

Expires : 6/2012

Lot#:

1111



Global platform Many language

18 languages customers globally than English are th



Significant cost ownership redu

System offers m in cost of owners gas expenses v performance MS in faster total to Gas Detectors.

THE MSA COMMITMENT. FROM THE LATEST IN SENSOR TECHNOLOGY TO INSTRUMENT DESIGN AND MANUFACTURING, MSA HAS THE CAPABILITIES AND EXPERTISE TO SUPPORT YOUR PORTABLE GAS DETECTION CHALLENGES.

www.MSAsafety.com Keyword: GalaxyGX2 | 1.800.MSA.2222



options

are available to serve y. Easily change languages J. Languages chosen other lose most widely spoken.



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ore than 50% reduction hip including calibration when used with high-A XCell Sensors, resulting esting of ALTAIR Family

Simultaneous testing of up to 10 gas detectors

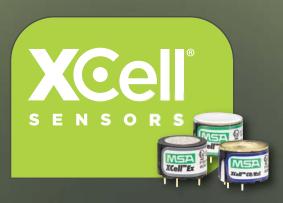
Calibrate up to 10 gas detectors simultaneously in less time than it takes most competitive units to test one. Patented gas flow process increases pressure from demand flow regulator to deliver consist gas flow from one to 10 units. Connect up to 10 test stands and four cylinder holders to perform simultaneous tests.



Securely configure gas detectors at the touch of a button

The GALAXY GX2 Automated Test System allows users to configure many gas detector and cylinder settings at the test stand, settings that can be saved to a reusable file. Settings are stored on a digital-secure USB; no gas detector setting files are stored locally.





MSA XCell Sensor Technology

The GALAXY GX2 Automated Test System is optimized for use with MSA's high performance XCell Sensors. Sensors offer end-of-sensor-life warning, typical life greater than four years for combustible, O_2 , CO/H₂S, and SO₂ sensors and greater than three years for NH₃ and Cl₂ sensors. Bump test in less than 15 seconds, span calibration time of 60 seconds and sensor response and clear times in less than 15 seconds for most common sensor configurations.

Your MSA multigas detectors are always ready for use

Your ALTAIR 4X and ALTAIR 5X Multigas Detectors are available to use immediately. If you're faced with an urgent, short-notice situation, these units are ready for deployment, ideal for emergency applications.





Advanced MSA Link Pro Software

Analyze All Data, Any Time

MSA Link Pro Software lets you easily and proactively manage your gas detection fleet. Program offers efficient setup and configuration with dashboard alerts as to all conditions, as well as calibration gas and expiration warnings. Query data, print or save reports including gas exposures incidents; system can be set up to automatically send email exposure alerts. Generate session logs, including periodic as well as calibration and GALAXY GX2 System bank data. Program sends scheduled emails from master test stand based upon detector conditions and events. Directly input your data and filter results live.

View test and exposure data, session and periodic logs It a glance. Dashboard displays live status of GALAXY Syster test stand banks.



Live filtering can be viewed, printed and saved as PDF document.

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System offers direct data input, live filtering, test and exposure gueries, and detailed reports. Print and save detailed calibration bump test and exposure reports.



GALAXY GX2 System Ordering Information

GALAXY GX2 System Test Stand					
	1 VALVE (for use with 1 calibration gas cylinder)		4 VALVE (for use with 1-4 calibration gas cylinders)		
	Charging	No-charging	Charging	No-charging	
ALTAIR / ALTAIR PRO Single-Gas Detector	-	10128644	-	10128643	
ALTAIR 4/4X Multigas Detector	10128630	10128642	10128629	10128641	
ALTAIR 5/5X Multigas Detector	10128626	10128628	10128625	10128627	

The GALAXY GX2 System test stand comes with pre-configured plugs, barbs, fresh air filter, power supply with corresponding plug, spare parts kit (gas tubing, barbs and plugs), Ethernet cable (short cable for connection between test stands), and screen protector. Please see ordering information below for further system components, including electronic cylinder holder (includes regulator) or non-electronic cylinder holder (without regulator), MSA Link Pro Software, digital secure USB key, end cap, and multi-unit charger.

Calibration Gas

Accessories	5		
P/N	Description		
10105756	Electronic cylinder holder		
10125135	Non-electronic cylinder holder		
10127111	4 GB SD card		
10123938	MSA Link Pro Software key		
10123937	Digital secure USB key		
10125907	End cap		
10127422	ALTAIR 4/4X Detector Multi-unit Charger, NA		
10127427	ALTAIR 5/5X Detector Multi-unit Charger, NA		
10127112	Laminated quick start guide		
10127518	12" (TBR) Ethernet cable for test stand to test stand connection		
10126657	DIN rail clip kit (2 clips & screws per kit)		
10062364	Type Omega DIN Rail 0.5m, perforated, steel, zinc-plated		
10062365	Type Omega DIN Rail 1m, perforated, steel, zinc-plated		
10062366	Type Omega DIN Rail 2m, perforated, steel, zinc-plated		
10082834	USB IR dongle (for use with MSA Link Software)		
10034391	Demand flow regulator (universal)		
710289	Large capacity (<3000 psi) demand regulator		
10124286	NA power supply (1 of 2)		
10127146	NA power cord (2 of 2)		
10126268	Vehicle power adapter		
10127808	Printer - detector or receipt sticker		
10126437	Detector sticker label roll		
10126138	Receipt & sticker label roll		
10145138	Printer ribbon		

MSA – The Safety Company 1000 Cranberry Woods Drive Cranberry Township, PA 16066 USA Phone 724-776-8600 www.MSAsafety.com

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MSA Canada 1-800-672-2222 Phone Fax 1-800-967-0398

MSA Mexico Phone

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Phone 724-776-8626 Toll Free 1-800-672-7777 724-741-1553 FAX MSA Europe Phone +49 (0) 306886-0

Fax +49 (0) 306886-1558

P/N	Description
10048280	Calibration gas cylinder (34L) 1.45% CH ₄ , 15% O ₂ , 60 ppm CO, 20 ppm H ₂ S
10045035	Calibration gas cylinder (54L) 1.45% CH ₄ , 15% O ₂ , 60 ppm CO, 20 ppm H ₂ S
10150595	Calibration gas cylinder (116L) 1.45% CH ₄ , 15% O ₂ , 60 ppm CO, 20 ppm H ₂ S
10152629	Calibration gas cylinder (875L) 1.45% CH ₄ , 15% O ₂ , 60 ppm CO, 20 ppm H ₂ S

10045035	Calibration gas cylinder (54L) 1.45% CH ₄ , 15% O ₂ , 60 ppm CO, 20 ppm H ₂ S
10150595	Calibration gas cylinder (116L) 1.45% CH ₄ , 15% O ₂ , 60 ppm CO, 20 ppm H ₂ S
10152629	Calibration gas cylinder (875L) 1.45% CH ₄ , 15% O ₂ , 60 ppm CO, 20 ppm H ₂ S
10098855	Calibration gas cylinder (34L) 1.45% CH ₄ , 15% O ₂ , 60 ppm CO, 20 ppm H ₂ S, 10 ppm SO ₂
10117738	Calibration gas cylinder (58L) 1.45% CH ₄ , 15% O ₂ , 60 ppm CO, 20 ppm H ₂ S, 10 ppm SO ₂
10150622	Calibration gas cylinder (116L) 1.45% CH ₄ , 15% O ₂ , 60 ppm CO, 20 ppm H ₂ S, 10 ppm SO ₂
10103262	Calibration gas cylinder (58L) 1.45% CH ₄ , 15% O ₂ , 60 ppm CO, 20 ppm H ₂ S, 2.5% CO ₂
10150606	Calibration gas cylinder (116L) 1.45% CH ₄ , 15% O ₂ , 60 ppm CO, 20 ppm H ₂ S, 2.5% CO ₂

Technical Specification	าร		
Operating Temperature	GALAXY GX2 System	0-40°C	
Power Input	Power module	100-240 VAC, 47-63 Hz	
	Optional vehicle module	9-32 VDC	
Physical Characteristics	Test stand	Height: 11.80" (299.72 mm)	
		Width: 6.50" (165.10 mm)	
		Depth: 7.90" (200.66 mm)	
		Material: acrylonitrile butadiene A	
	Cylinder holder	Height: 11.80" (299.72 mm)	
		Width: 6.50" (165.10 mm)	
		Depth: 6.10" (154.94 mm)	
		Material: acrylonitrile butadiene ABS	
	Multi-unit charger	Height: 11.80" (299.72 mm)	
		Width: 6.50" (165.10 mm)	
		Depth: 6.44" (163.58 mm)	
		Material: acrylonitrile butadiene ABS	





Note: This bulletin contains only a general Fax 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

detailed

150 9001

and

information concerning proper

use and care of these products.

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complete