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› **MSA ALTAIR 4/4X Multi-Gas Detector Calibration Station / Galaxy GX2 Automated System Test Stand Instruction Manual**

MSA 10128630

MSA ALTAIR 4/4X Multi-Gas Detector Calibration Station / Galaxy GX2 Automated System Test Stand Instruction Manual

INTRODUCTION

This manual provides essential instructions for the proper setup, operation, and maintenance of the MSA ALTAIR 4/4X Multi-Gas Detector Calibration Station, also known as the Galaxy GX2 Automated System Test Stand (Model 10128630). Adherence to these instructions ensures optimal performance and longevity of the device. This system is designed to provide automated testing and calibration for MSA ALTAIR multi-gas detectors, ensuring they are always ready for use.

SETUP

Unpacking and Initial Inspection

Carefully unpack all components from the packaging. Verify that all items listed in the packing slip are present and undamaged. The comprehensive equipment includes pre-configured plugs, barbs, a fresh air filter, a power supply with its corresponding plug, a spare parts kit, and an Ethernet cable for connecting multiple test stands.

This image displays the front of the MSA Galaxy GX2 Automated Test System, highlighting its user interface screen which shows system status and options for configuration and testing.

Physical Installation

The automated test station can be placed on a benchtop or wall-mounted. Ensure the chosen location is stable and provides adequate ventilation. Connect the power supply to the unit and a suitable power outlet. For multi-unit setups, connect test stands using the provided Ethernet cable.

This side view illustrates the connection ports on the MSA Galaxy GX2 Automated Test System, including power and data interfaces, essential for system setup.

Gas Cylinder Connection

Connect calibration gas cylinders to the designated ports on the side of the test stand. The system supports up to four cylinder holders for simultaneous detector tests. Ensure connections are secure to prevent leaks.

The image highlights the side of the MSA Galaxy GX2 Automated Test System, detailing the labeled ports for connecting up to four calibration gas cylinders, crucial for multi-gas detector testing.

OPERATING INSTRUCTIONS

Performing a Test or Calibration

1. Ensure the Galaxy GX2 system is powered on and calibration gas cylinders are properly connected.

2. Insert the ALTAIR multi-gas detector into the test stand. The detector should fit securely into the designated slot.

3. The system will automatically detect the device and initiate the programmed test or calibration sequence.

4. Monitor the test stand's display and light indicators. A pass/fail LED will illuminate upon completion.

5. Charging progress LEDs on the multi-unit charger indicate the battery status of the inserted detector.

6. A lighted cylinder band on the electronic cylinder holder provides warnings for low gas levels or expiration dates.

The image shows an MSA ALTAIR 4/4X multi-gas detector securely placed within the MSA Galaxy GX2 Automated Test System, ready for calibration or functional testing.

Data Management

The system is compatible with MSA Link Software for comprehensive data management, allowing for record-keeping of calibration and test results. It can also function as a stand-alone testing and calibration unit without direct software integration.

A technician is shown in a professional environment, operating several MSA Galaxy GX2 Automated Test Systems simultaneously, demonstrating the system's capability for batch processing of gas detectors.

MAINTENANCE

Regular maintenance is crucial for the reliable operation of your Galaxy GX2 Automated System Test Stand. Keep the unit clean and free from dust and debris. Periodically inspect all connections, including gas lines and power cables, for any signs of wear or damage. Replace the fresh air filter as needed. Refer to the official MSA documentation for detailed maintenance schedules and procedures specific to your model.

TROUBLESHOOTING

If the system encounters an issue, first check all power and gas connections. Ensure the gas cylinders are not empty or expired, as indicated by the lighted cylinder band. If a detector fails calibration, ensure it is properly seated in the test stand and that its sensors are clean. For persistent issues or error codes displayed on the screen, consult the comprehensive troubleshooting guide in the official MSA user manual or contact MSA technical support.

SPECIFICATIONS

Feature	Detail
Model Number	10128630
Product Dimensions	1 x 1 x 1 inches
Item Weight	5.95 Pounds

Feature	Detail
Manufacturer	MSA
Inlet Connection Size	1 Inches
Inlet Connection Type	Flange
Outlet Connection Type	Flange
Number of Ports	1
Outlet Connection Size	1 Inches
Specification Met	Automated Test System for Gas Detector Calibration
UPC	641817037843

COMPATIBILITY

The MSA Galaxy GX2 Automated System Test Stand offers excellent compatibility, allowing users to connect up to 10 test stands and up to 4 cylinder holders. This enables simultaneous testing of multiple detectors, enhancing efficiency in environments requiring frequent calibration. The system also connects seamlessly to Galaxy GX2 charging stations for integrated power management.

WARRANTY AND SUPPORT

For information regarding product warranty, technical support, or service, please refer to the official documentation provided with your MSA Galaxy GX2 Automated System Test Stand or visit the official MSA Safety website. MSA is committed to providing high-quality products and support to ensure the safety and satisfaction of its customers.
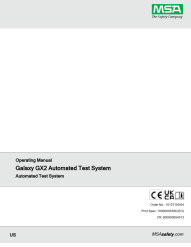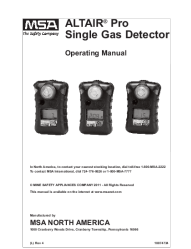
Related Documents - 10128630

GALAXY® GX2
Automated Test System

WE KNOW WHAT'S AT STAKE.

[MSA GALAXY GX2 Automated Test System for Gas Detectors](#)
The MSA GALAXY GX2 Automated Test System offers simple, intelligent testing and calibration for MSA ALTAIR and ALTAIR PRO single-gas detectors, and ALTAIR 4XR and ALTAIR 5X multi-gas detectors. It features an easy-to-use interface, automated testing, and comprehensive fleet management capabilities.

	[MSA Galaxy GX2 Automated Test System Operating Manual](#) Operating manual for the MSA Galaxy GX2 Automated Test System, detailing installation, setup, operation, maintenance, and troubleshooting for gas detector testing.
	[MSA ALTAIR 4XR Multigas Detector Operating Manual](#) Comprehensive operating manual for the MSA ALTAIR 4XR Multigas Detector, covering safety regulations, device description, operation, maintenance, technical data, and ordering information.
	[MSA ALTAIR Pro Single Gas Detector Operating Manual - Safety and Usage Guide](#) This operating manual provides detailed instructions, safety guidelines, calibration procedures, and troubleshooting for the MSA ALTAIR Pro Single Gas Detector. Learn how to use and maintain your gas detection instrument effectively.
	[MSA ALTAIR 5X and 5XIR Multigas Detector Operating Manual](#) Comprehensive operating manual for the MSA ALTAIR 5X and ALTAIR 5XIR Multigas Detectors, covering safety regulations, operation, maintenance, technical specifications, and troubleshooting for gas detection in industrial environments.
	[MSA ALTAIR Pump Probe: Durable Gas Detector for Hazardous Environments](#) Explore the MSA ALTAIR Pump Probe, a rugged and reliable gas detection instrument. Learn about its key features, technical specifications, approvals, and ordering information for industrial safety applications.