

MSA G1 Industrial SCBA

MSA
The Safety Company



WE KNOW WHAT'S AT STAKE.

G1 Industrial SCBA

In an emergency situation, being prepared, being safe, and being comfortable are within reach.

It's challenging enough to do a hazardous job well without worrying about things like readiness, bulk, weight, and balance. The MSA G1 Industrial SCBA helps you work safely and minimizes distractions that can make a hard job even harder.

That's why we've taken our industry-leading breathing apparatus, the G1 SCBA for Fire Service, and created a NIOSH-approved version specifically for industrial applications.



The **MSA G1**
Industrial SCBA

*Made for safety.
Constructed for comfort.
Ideal for industrial.*

This self-contained breathing apparatus (SCBA) contains many unique design features, and is built to reduce stress and fatigue while improving safety and performance.

G1 Facepiece

Lightweight & Low-Profile

- ❶ Enhance situational awareness and visibility through a wide field of view.
- ❷ Prevent potential cross-contamination when units are shared through unique mask design, which restricts exhaled air from entering the mask-mounted regulator.
- ❸ Open port design allows for lower breathing resistance both on and off air with the goal of reducing fatigue.
- ❹ Enable short-range communication with mechanical speaking diaphragm.
- ❺ Meet a variety of user needs with head harness options available in Kevlar, rubber, or polyester.

G1 Carrier and Harness Assembly

Customized Comfort & Fit

- ❻ Clean quickly with easy-to-remove soft goods.
- ❼ Improve harness durability in tough environments with nanosphere-coated webbing to improve resistance to water and chemical exposure.
- ❽ Increase comfort with optional shoulder pads and lumbar support to help reduce fatigue.
- ❾ Improve ease of donning through shoulder pad placement to reduce twisting and increase comfort.
- ❿ Choose either nylon or Kevlar harness components and cylinder bands to meet the needs of your work environment.



Options



Cylinders

Multiple Options

- Choose from two different low-pressure (2216 psig), 30-minute-rated cylinders; or
- Four high-pressure (4500 psig) carbon-wrapped cylinders in 30-, 45- or 60-minute durations.

Cylinder Connection

Choose from a quick-connect cylinder attachment for easy change out, or standard threaded connection.

The color-coded band on first stage reducer provides an at-glance indicator as to whether the system is high- or low-pressure.



Shoulder-mounted Quick-Fill® System EBS Accessory

This optional connection allows for SCBA cylinder refill from a mobile compressor or cascade system. It also allows transfilling between two SCBA wearers, providing an emergency breathing system in IDLH atmospheres.

Air-Line Attachment

The optional air-line attachment creates a second port for air-line connection to an independent air source, such as an air compressor or cascade system, to conserve cylinder air for emergency escape.



G1 Facepiece

Part Number	Description
10188954	G1 Facepiece, small, 4-pt. polyester head harness
10188955	G1 Facepiece, medium, 4-pt. polyester head harness
10188956	G1 Facepiece, large, 4-pt. polyester head harness
10156461	G1 Facepiece, small, rubber head harness
10156462	G1 Facepiece, medium, rubber head harness
10156463	G1 Facepiece, large, rubber head harness
10156458	G1 Facepiece, small, 4-pt. Kevlar head harness
10156459	G1 Facepiece, medium, 4-pt. Kevlar head harness
10156460	G1 Facepiece, large, 4-pt. Kevlar head harness



G1 Accessories

Part Number	Description
10144230	Spectacle kit for G1 Facepiece
10144231-SP	APR adapter for G1 Facepiece (<i>single canister</i>)
496081	Type H filter, 6 pack
10160594	GME P100 canister
10067469	OV/P100 canister
805078	Quick Chek® III fit test adapter
10052744	Single case for SCBA supplied with LP30, HP45, HP60, and low-profile cylinders only.
10052745	Single case for SCBA supplied with H30 cylinders only

Ordering Info

G1 Industrial SCBA

Part Number	Description
10190422	Low-pressure 30-min. aluminum cylinder, nylon harness without padding and chest strap, medium G1 Facepiece with polyester head harness, hard case included
10190423	Low-pressure 30-min. aluminum cylinder, nylon harness without padding and chest strap, medium G1 Facepiece with polyester head harness, no case
10190471	High-pressure 45-min. low-profile carbon cylinder, nylon harness with shoulder and lumbar pads, no chest strap, medium G1 Facepiece with polyester head harness, hard case included
10190472	High-pressure 45-min. low-profile carbon cylinder, Kevlar harness with shoulder and lumbar pads, no chest strap, metal cylinder band, medium G1 Facepiece with 4-pt. Kevlar head harness, hard case included

Cylinders & Upgrade Kits

Part Number	Description
10188527	G1 Direct Connect Cylinder Valve Replacement Kit, 2216 PSIG, threaded connection
10188529	G1 Direct Connect Cylinder Valve Replacement Kit, 4500 PSIG, threaded connection
10149701-SP	Quick-Connect adapter, 2216 PSIG
10149702-SP	Quick-Connect adapter, 4500 PSIG
10183006	2216 PSIG, 30-min., low-pressure aluminum cylinder, threaded connection
10183005	2216 PSIG, 30-min., low-pressure carbon cylinder, threaded connection
10183007	4500 PSIG, 30-min., high-pressure carbon cylinder, threaded connection
10183008	4500 PSIG, 45-min., high-pressure carbon cylinder, threaded connection
10183009	4500 PSIG, 45-min., high-pressure, low-profile carbon cylinder, threaded connection
10183010	4500 PSIG, 60-min., high-pressure carbon cylinder, threaded connection

Assemble-To-Order (ATO) Matrix

[Click here for complete ATO.](#)



A	B	C	D	E	F	G	H	I	J	K	L	
SCBA Type	Harness Assembly	Harness Chest Strap	Cylinder Cradle	Cylinder	Cylinder Handwheel	MMR Regulator Type	Pressure Gauge	Air-Line Attachment	Emergency Breathing System	Facepiece	Case	
1 2216 w/threaded cylinder connection	1 Nylon harness, no padding	1 Chest strap	2 Metal band cradle, turn latch	A None	B 3AL aluminum, 2216 psi	C 30' carbon, 2216 psi	D 3AL aluminum, less air, 2216 psi	E 30' carbon, less air, 2216 psi	F 30' carbon, 4500 psi	G 45' carbon, 4500 psi	H 45' carbon, low profile, 4500 psi	I 60' carbon, 4500 psi
2 2216 w/quick-connect cylinder connection	2 Nylon harness, shoulder pads only			0 None	1 Non-locking	2 Locking	Note: Only choose "none" if cylinder is not being purchased in Column E.					
3 4500 w/threaded cylinder connection	3 Nylon harness, lumbar pad only											
4 4500 w/quick-connect cylinder connection	4 Nylon harness, shoulder pads and lumbar pad											
	5 Kevlar harness, padding included											

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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Column:
A-G1IN
A B C D E F G H I J K L

PART NUMBERS (BOLD LEFT HAND COLUMNS)

A **B** **C** **D** **E** **F** **G** **H** **I** **J** **K** **L**

QUANTITY

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