

MSA G1 Industrial SCBA



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. Now enhanced with G1 Industrial Remote Cylinder Connection (G1 iRC), G1 Twin Cartridge Adapter, and features including reflective shoulder harness, Kevlar straps, and metal buckles, the MSA G1 Industrial SCBA provides flexibility in options across various 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. APR adapter now available to convert easily to air-purifying respirator cartridges.
- 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. Available with reflective trim and metal buckles for a fire-hardened configuration.*

G1 Industrial Remote Cylinder Connection



G1 iRC

Enhanced Compatibility

- ❾ Allows use of same cylinder across all multiple platforms of MSA SCBA, including G1 NFPA SCBA and AirHawk II SCBA.

** Fire-hardened does not mean that product is NFPA approved; however, it does include the same components as our firefighting device.*



Options



NEW! G1 iRC Industrial Remote Cylinder Connection

The G1 iRC (industrial remote cylinder connection) is a SCBA platform that features a remote cylinder connection, available with both threaded and quick connect attachments. It allows for cylinder compatibility among other MSA SCBA such as the G1 NFPA, Airhawk 2 and Firehawk M7.

The original G1 industrial direct connect cylinders, with both threaded and quick connect options remain available.



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.

Ordering Info

G1 Industrial SCBA G1 iRC

Part Number	Description
10215805	Low-pressure 30-min. aluminum cylinder, nylon harness without padding and chest strap, medium G1 Facepiece with polyester head harness, hard case included
10215806	Low-pressure 30-min. aluminum cylinder, nylon harness without padding and chest strap, medium G1 Facepiece with polyester head harness, no case
10215807	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
10215808	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

G1 Accessories

Part Number	Description
10144230	Spectacle kit for G1 Facepiece
10144231-SP	APR adapter for G1 Facepiece (<i>single-port APR Adapter</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
10199720	APR Adapter, twin cartridge for G1 facepiece

Cylinders, Adapters & Upgrade Kits

P/N	Description	P/N	Description
10149701-SP	Quick-Connect adapter, 2216 PSIG	10193164	G1 AirHawk II, continuous hose, hard cover
10149702-SP	Quick-Connect adapter, 4500 PSIG	10193165	G1 AirHawk II, quick-connect hose, hard cover
10158389	Type 2 Dovetail Retainer Kit for H30	10193166	G1 AirHawk II, threaded hose, hard cover
10158390	Type 3 Dovetail Retainer Kit for H45LP	10183006	2216 PSIG, 30-min., low-pressure aluminum cylinder, threaded connection
10158401	Type 4 Dovetail Retainer Kit for L30 (Aluminum or Carbon), and H45	10183005	2216 PSIG, 30-min., low-pressure carbon cylinder, threaded connection
10158402	Type 5 Dovetail Retainer Kit for H60	10183007	4500 PSIG, 30-min., high-pressure carbon cylinder, threaded connection
10193039	G1 AirHawk II, continuous hose, purge cover	10183008	4500 PSIG, 45-min., high-pressure carbon cylinder, threaded connection
10193162	G1 AirHawk II, quick-connect hose, purge cover	10183009	4500 PSIG, 45-min., high-pressure, low-profile carbon cylinder, threaded connection
10193163	G1 AirHawk II, threaded hose, purge cover	10183010	4500 PSIG, 60-min., high-pressure carbon cylinder, threaded connection
Z-S1AH2G1UPG*	Upgrade installation / flow test at an MSA Service Center		

MSA G1 SCBA Cylinders for Threaded Remote Connection

Cylinder Pressure	Cylinder Duration	Connection Type	Air	Less Air
2216 psig	30-minute	Threaded	10156422-SP	10156431-SP
2216 aluminum	30-minute	Threaded	10213697	10213701
4500 psig	30-minute	Threaded	10156423-SP	10156432-SP
4500 psig	45-minute LP ¹	Threaded	10156424-SP	10156433-SP
4500 psig	45-minute	Threaded	10156425-SP	10156434-SP
4500 psig	60-minute	Threaded	10156426-SP	10156435-SP

MSA G1 SCBA Cylinders for Quick-Connect Remote Connection

Cylinder Pressure	Cylinder Duration	Connection Type	Air	Less Air
2216 psig	30-minute	Quick-connect	10175706	10175711
2216 aluminum	30-minute	Quick-connect	10213698	10213702
4500 psig	30-minute	Quick-connect	10175707	10175712
4500 psig	45-minute LP ²	Quick-connect	10175708	10175713
4500 psig	45-minute	Quick-connect	10175709	10175714
4500 psig	60-minute	Quick-connect	10175710	10175715

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

¹Low profile version of the 45-minute, 4500 psig cylinder ²Low profile version of the 45-minute, 4500 psig cylinder PLEASE NOTE: Quick-connect cylinder adapter must be ordered for each cylinder separately.

* This part number is for installation and testing performed at an MSA in-house service center located in the US or Canada only. Upgrade/flow test may be performed by any CARE certified technician.

Assemble-To-Order (ATO) Matrix



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 direct cylinder connection	1 Nylon harness, no padding	0 None	1 Fabric band cradle	A None	0 None	A Continuous hose, hard cover	1 Standard pressure gauge	A None	A None	A None	0 None
2 2216 w/quick-connect direct cylinder connection	2 Nylon harness, shoulder pads only	1 Chest strap	2 Metal band cradle, turn latch	B 3AL aluminum, 2216 psi	1 Non-locking	B Threaded hose, hard cover	2 Pressure gauge with Quick-Fill®	B Snap-Tite, aluminum	B Extendair® II, universal coupler, less airline adapter	B Small w/small polyester headharness	1 Hard case
3 4500 w/threaded direct cylinder connection	3 Nylon harness, lumbar pad only		3 Metal band cradle, G1 latch	C 30 min carbon, 2216 psi	2 Locking	C Quick connect hose, hard cover	3 Pressure gauge with Quick-Fill, 3ft. hose w/Quick-Fill pouch	C Snap-Tite, stainless steel	C Extendair II, universal coupler, w/airline adapter Snap-Tite, aluminum	C Small w/small nosecup, 5-pt. rubber headharness	2 Soft case
4 4500 w/quick-connect direct cylinder connection	4 Nylon harness, shoulder pads and lumbar pad			D 3AL aluminum, 2216 psi, less air	Note: Only choose "none" if cylinder is not being purchased in Column E.			D Snap-Tite, brass	D Extendair II, universal coupler, w/airline adapter Snap-Tite, stainless steel	D Small w/small nosecup, 4-pt. Kevlar headharness	
5 4500 w/removable cylinder connection	5 Kevlar harness, padding included			E 30 min carbon, 2216 psi, less air		D Universal quick connect hose, hard cover		E Hansen, stainless steel, HK Series	G Extendair II, universal coupler, w/airline adapter, Hansen, brass, 3000 Series	E Small w/small nosecup, 5-pt. Kevlar headharness	
6 2216 w/quick-connect remote cylinder connection	6 Reflective Kevlar with padding, adjustable lumbar			F 30min carbon, 4500 psi		E Continuous hose, purge cover		F Hansen, stainless steel, 3000 Series	T Extendair II, less airline adapter	F Medium w/medium nosecup, 4-pt. polyester headharness	
7 4500 w/threaded remote cylinder connection				G 45min carbon, 4500 psi		F Threaded hose, purge cover		G Hansen, stainless steel, 3000 series	U Extendair II, w/airline adapter, no quick-disconnect coupler	G Medium w/medium nosecup, 5-pt. rubber headharness	
8 4500 w/quick-connect remote cylinder connection				H 45min carbon, low profile, 4500 psi				H Foster, steel	V Extendair II w/airline adapter, Snap-Tite, aluminum	H Medium w/medium nosecup, 4-pt. Kevlar headharness	
				J 60min carbon, 4500 psi				J Foster, stainless steel	W Extendair II w/airline adapter, Snap-Tite, stainless steel	J Medium w/medium nosecup, 5-pt. Kevlar headharness	
				K 30min carbon, 4500 psi, less air				K Foster, brass	Y Extendair II w/airline adapter, Hansen, stainless steel, HK series	K Large w/large nosecup, 5-pt. polyester headharness	
				L 45min carbon, 4500 psi less air				L Snap-Tite, locking, aluminum		L Large w/large nosecup, 5-pt. rubber headharness	
				M 45min carbon, low profile, 4500 psi less air				M Snap-Tite, locking, stainless steel		M Large w/large nosecup, 4-pt. Kevlar headharness	
				N 60min carbon, 4500 psi less air						N Large w/large nosecup, 5-pt. Kevlar headharness	

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

A-G1N

PART NUMBERS (BOLD LEFT HAND COLUMNS)

QUANTITY

Note: Regulator keeper is included with every unit. Facepiece clip is included on Kevlar harnesses only. Neckstrap is not included.

Note: This Bulletin contains only a general description of the products shown. While product uses and performance capabilities are generally described, the products shall not, under any circumstances, be used by untrained or unqualified individuals. The products shall not be used until the product instructions/user manual, which contains detailed information concerning the proper use and care of the products, including any warnings or cautions, have been thoroughly read and understood. Specifications are subject to change without prior notice.

MSA operates in over 40 countries worldwide. To find an MSA office near you, please visit [MSAsafety.com/offices](https://www.MSA.com/offices).