



YOUR SCBA PLATFORM
FOR THE FUTURE

TOGETHER AS **ONE**



DESIGNED TOGETHER WITH YOU

IT'S TIME TO GET TO **KNOW EACH OTHER**



After 3 years of innovation, it's time for MSA's most advanced, ergonomic and modular SCBA system – designed and developed side-by-side with firefighters.

**The M1 is easy-to-use, reliable, adaptable and a good communicator.
And most importantly, your health and safety is its priority.**

GREATER MODULARITY

READY FOR THE FUTURE

- Easy, economical and future-ready field upgrade and enhancement capabilities
- Individual configuration according to your needs and budgets



Different options for high and medium pressure and cylinder connections in combination with Classic Line (CL) and SingleLine (SL)



Configurations without electronics or with integrated electronics and optional telemetry



Variety of harness and backplate combinations

- Retrofittable with new SLS Integrated Monitoring Unit



FULLY CUSTOMISABLE



DESIGNED TOGETHER WITH YOU

ENHANCED HYGIENE

- Water-repellent harness
- Simplified disassembly and assembly of components
- Entire SCBA is machine washable (no disassembly required)



EASIER TO CLEAN

IMPROVED ERGONOMICS

- Backplate with unique one-handed height adjustment
- Unique padded harness design with S-shape prevents pressure points and slipping
- Hip belt designed for even weight distribution
- Lightest SCBA with height adjustment on the market (less than 4 kilos)



BETTER BALANCE
AND COMFORT



REDUCED COST-OF-OWNERSHIP

- All components designed for longer life (10 year warranty)
- Reduced maintenance costs due to extended service intervals
- Easy to upgrade and service without tools



LOWER FLEET
MANAGEMENT COSTS



HIGHEST SAFETY STANDARDS

- Innovative material composition for mask, demand valve and SCBA pneumatics for increased chemical resistance
- Improved cleanability enhances safety for service technicians
- Reduced risk of snagging hazards with guided hoses in backplate
- Reflective harness elements for greater visibility



EXCEEDS TOUGHEST
REQUIREMENTS OF LOCAL
STANDARDS AND REGULATIONS



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PERFECT INTEGRATION OF G1 MASK



COMPLETE RELIABILITY AND ENHANCED COMFORT

- › Broad sealing line for ultimate tightness and comfort
- › Optimised balance point and greater freedom for head movement
- › Low inhalation and exhalation resistance
- › Perfect fit with 3 sizes for face blank and inner mask



UNDISTRACTED VIEW

- › Flat lens design prevents optical refractions and reflections
- › Optimised airflow continuously flushes the lens to avoid fogging



EXCELLENT VOICE TRANSMISSION

- › Ideal position of speech diaphragm for high quality voice transmission



MAINTENANCE MADE EASY

- › Acoustic and feel feedback when fitting major components
- › Reduced time for typical maintenance procedures and preparation for safe cleaning
- › Disassembly in less than 30 seconds
- › Significantly tougher lens for increased protection when cleaning and disinfecting

NEW C1 HEADSET



STATE-OF-THE-ART COMMUNICATION

- › C1 headset easily attaches to the outside of the G1 mask, integrating seamlessly with the mask design
- › Microphone design protects against surrounding sound (no transmission of unwanted noise)
- › Single interchangeable C1 headset between users provides lower cost-of-ownership





NEW C1 HEADSET

Excellent voice transmission and easy interchangeability between users

SOPHISTICATED DEMAND VALVE

Redesigned core with rubber diaphragm and rubber intermediate pressure hose to reduce risk of permeation

STATE-OF-THE-ART HARNESS

Easy to clean material, ergonomic and comfortable design and reflective edges for greater visibility

UNIQUE BACKPLATE

Ergonomic design, one-handed height adjustment and easy to remove pneumatics

ADVANCED HIP BELT

Swivelling design to follow body movement and provide an even weight distribution

NEW ALPHACLICK II

Optional high pressure quick connect saves 90% of time needed for cylinder exchange





YOUR SCBA PLATFORM FOR THE FUTURE



- ✓ Greater modularity
- ✓ Future-ready field upgrade
- ✓ Enhanced hygiene
- ✓ Improved ergonomics and comfort
- ✓ Reduced cost-of-ownership
- ✓ Highest safety standards
- ✓ State-of-the-art communication



TECHNICAL SPECIFICATIONS

Approvals	EN 137
Antistatic Properties	ATEX II 1G Ex ia IIC T4 Ga -30 °C < TA < 60 °C
Weight*	
G1 mask	640 g
Backplate with pneumatics and demand valve	3.6 kg
Backplate with pneumatics, demand valve, G1 mask and charged 6.8 l cylinder	11 kg
Cylinder	one or two
Operating Pressure	300 bar
Nominal Operating Temperature	-30 °C to +60 °C

* Weight varies per configuration

ORDERING INFORMATION

The M1 SCBA System is fully customisable and can be enhanced or upgraded in the field at any time. For your individual configuration please check our M1 product configurator at MSAsafety.com or contact your local MSA channel partner.



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. MSA and the MSA The Safety Company Logo are registered Trademarks of MSA Technology, LLC and are registered in the US and Europe. Products listed in this document may be protected by one or more patents or patent applications. Please see MSAsafety.com/patents for more information.

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