

**M1**

MSA's most advanced,  
ergonomic and modular  
SCBA system



**TOGETHER AS ONE**

# IT'S TIME TO GET TO KNOW EACH OTHER



After 3 years of innovation and a relentless mission to bring you the best, it's time for MSA's newest, most advanced modular SCBA system.

Collaborating with fire stations around Europe and internationally, we responded to your challenging requirements for best performing equipment.

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

## GREATER MODULARITY AND FUTURE-PROOFED

- > The M1 can be individually configured 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

- > Easy and economical field upgrade and enhancement capabilities for all configurations
- > Retrofittable with new SLS Integrated Monitoring Unit



FULLY CUSTOMISABLE



## ENHANCED HYGIENE

- > Water-repellent harness
- > Simplified disassembly and assembly of components
- > The entire SCBA is machine washable - no disassembly required



EASIER TO CLEAN



## REDUCED COST-OF-OWNERSHIP

- > All components are designed for longer life
- > Reduced maintenance costs due to extended service intervals
- > Easy to upgrade and service without tools



10 YEAR WARRANTY



## IMPROVED ERGONOMICS & COMFORT

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



UNIQUE BACKPLATE WITH SINGLE-HANDED HEIGHT ADJUSTMENT



## 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



## G1 MASK A LEAP AHEAD!

The M1 SCBA works seamlessly with the G1 mask. Together as one, this leading SCBA system is ideal for your firefighting requirements as well as first responder and rescue crew operations.

### COMPLETE RELIABILITY AND ENHANCED COMFORT

- › Broad sealing line guarantees ultimate tightness and comfort with decreased fatigue symptoms
- › Optimised balance point and greater freedom for head movement
- › Low inhalation and exhalation resistance
- › 3 sizes for the face blank and inner mask provide a perfect fit

### 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!

### 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

# M1

## 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 HARNES

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

## UNIQUE BACKPLATE

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

## ADVANCED HIP BELT

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

## OPTIONAL HIGH PRESSURE QUICK CONNECT

New alphaCLICK II saves 90% of time needed for cylinder exchange





- ✓ Greater modularity and future-proofed
- ✓ 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 IICT4 Ga -30 °C < TA < 60 °C
Weight*	
G1 mask	640 g
Backplate with pneumatics, demand valve	3.6 kg
Backplate with pneumatics, demand valve, G1 mask, 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](https://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](https://MSAsafety.com/patents) for more information.

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