



## YOUR SCBA PLATFORM FOR THE FUTURE

# TOGETHER AS ONE

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# 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







## **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

MSAsafety.com/M1

# 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

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 PLAT FOR THE FUTURE YOUR SCBA PLATFORM



- **Greater modularity**
- ✓ Future-ready field upgrade
- ✓ ✓ **Enhanced hygiene**

TECHNICAL ODECIFICATIONS

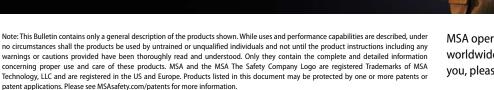
- Improved ergonomics and comfort
- ✓ **Reduced cost-of-ownership**
- Highest safety standards
  - State-of-the-art communication

Approvals	EN 137
Antistatic Properties	ATEX    1G Ex ia   C 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.



MSA operates in over 40 countries worldwide. To find an MSA office near you, please visit MSAsafety.com/offices

