

# YOUR SCBA PLATFORM FOR THE FUTURE





WHEN YOU GO IN, WE GO IN WITH YOU.





#### **NEW M1 CONTROL MODULE**

- Fully integrated into the high pressure pneumatics
- Combines mechanical gauge with digital display to deliver all required information to the user just by lifting the device
- Comes with optional telemetric capability



## OPTIONAL TELEMETRY

Integrated long-range radio for electronic incident monitoring

#### WIRELESS INTERFACI

NFC reader for easy documentation and personalization and Bluetooth for PC connection

#### DISTRESS

For manual alarm

## MECHANICAL GAUGE —

Integrated into display giving pressure status even if battery is empty

### FULL COLOUR

Easily reads all information needed due to 20° angled face

#### SOUND

Different sound patterns for pressure related warnings and full alarm

#### ELECTRONICAL

PRESSURE SENSOR

Automatic activation with cylinder opening

## AUTOMATIC GAUGE LIGHTING

Indicates pressure state (green, yellow, red) when device is lifted and when passing a pressure threshold

## USER-FRIENDLY RATTERY

Clear battery state indication and easy charging with magnetic clip

#### ULTRA BRIGHT

Activated with alarm

### OPTIONAL RAFFTY KEY

Activation of motion detection and Rapid Intervention Team support





#### EASY

## MAINTENANCE

- All components designed for longer life (10 year warranty\*)
   \*MSA will guarantee replacements if root cause is identified as a manufacturing/workmanship defect.
- Reduced maintenance costs due to extended service intervals
- Easy to upgrade and service without special tools (Pressure reducer and other parts have less subassemblies)





**REDUCED COST-OF-OWNERSHIP** 

#### HIGHEST

## SAFETY STANDARDS

- Innovative material composition for mask, demand valve and SCBA pneumatics for increased chemical resistance
- Rescue line with patented CleanConnect cleans the coupling with medium pressure
- Improved cleanability enhances safety for service technicians
- Reduced risk of snagging hazards with guided hoses in backplate
- Reflective harness elements for greater visibility in dark or smoke-filled environments
- CBRN tested according to standard BS 8468-1



EXCEEDS TOUGHEST REQUIREMENTS OF LOCAL STANDARDS AND REGULATIONS

## PERFECT INTEGRATION OF

## G1 WASK



## COMPLETE RELIABILITY AND ENHANGED 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 COMMUNICATION MODULE**



## 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
- Standard Nexus 4 plug to connect to PTT or PTT/RSM incl. MSA HandyCom





## YOUR SCBA PLATFORM FOR THE FUTURE

#### NEW

#### C1 COMMUNICATION MODULE

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

#### PATENTED CLEANCONNECT

Rescue line with flush function increases safety by cleaning the coupling with medium pressure

#### UNIQUE RACKPLATE

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

## ADVANCED HIP RELT

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

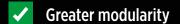
#### NEW ALPHACLICK II

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



## YOUR SCBA PLATFORM FOR THE FUTURE





✓ 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 IIC T6
	1D    C -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
Extended Operating Temperature	-40°C to +60°C

<sup>\*</sup> 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 contact your MSA channel partner.



## CHANGE THE WAY YOU THINK ABOUT BREATHING APPARATUS

Don't miss our panel discussion exploring future proofing breathing apparatus and improving the lives of fire service personnel: <a href="https://msasafety.com/fire-service-panel">https://msasafety.com/fire-service-panel</a>

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