



SCOTT
Fire & Safety

3M™ Scott™ Sigma 2 Type 2 Self-contained breathing apparatus





3M™ Scott™ Sigma 2 Type 2

Performance and reliability. Economy and comfort.

Approved to EN 137:2006, the 3M™ Scott™ Sigma 2 Type 2 self-contained breathing apparatus combines the highest level of respiratory protection in a simple to operate, cost effective piece of equipment that meets the needs of industrial and marine firefighters.



- ▶ High performance pneumatic system
- ▶ Compact first breath activated demand valve with bypass
- ▶ Ergonomically designed lightweight backplate and type 2 harness
- ▶ Kevlar® blend flame retardant webbing with Kevlar® cylinder band
- ▶ Wide choice of facemasks from the 3M™ Scott™ Vision 3, Promask PP
- ▶ Corrosion-resistant nickel-plated components
- ▶ Simple operation for users
- ▶ All components are user serviceable, low cost and maintainable
- ▶ Accepts wide range of 200 and 300 bar cylinders
- ▶ Approved to the MED as a Type 2 set

Pneumatic system

At the heart of the 3M™ Scott™ Sigma 2 set is a simple and reliable two-stage pneumatic system. A first breath activated positive pressure demand valve provides low breathing resistance and excellent dynamic performance - particularly at high flow rates. A first stage pressure reducing valve features only two moving parts and accepts cylinder pressures of up to 300 bar without adjustment. A cylinder connector assembly with standard breathing air thread is fitted, with an easily removed bronze filter to protect the pneumatics. The system includes a shoulder mounted combined pressure indicator with photo-luminescent face markings for low-light legibility and a robust stainless steel and polycarbonate case with a protective rubber shroud. A warning whistle has an operating pressure of 55 bar.



3M™ Scott™ breathing apparatus

All 3M™ Scott™ respiratory protection equipment is designed to the same exacting standards: to be simple and comfortable to use, robust and easy to maintain. With respiratory protective equipment experience all over the world, 3M™ Scott™ are the respiratory protection specialists.

Self-contained breathing apparatus

The 3M™ Scott™ range of self-contained breathing apparatus offers first breath activated positive pressure sets designed to the latest European Standards and combine low cost and simple maintenance with high levels of comfort.

Escape breathing apparatus

The 3M™ Scott™ escape range includes Constant Flow, Positive Pressure Demand Systems and Airline Escape Equipment with durations between 10 and 15 minutes.

Airline breathing apparatus

Automatic first breath positive pressure systems and airline escape sets supported by airline trolley units, filter units and accessories.

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The Sigma 2 Type 2 self-contained breathing apparatus combines the highest level of respiratory protection in a simple to operate, cost effective piece of equipment that meets the needs of industrial, marine and firefighting.

Ordering information

Part number	Description	Application
Sigma-2-PM Type 2	3M™ Scott™ Sigma 2 positive pressure self-contained breathing apparatus with Promask facemask and moulded backframe. 55 bar whistle	Marine/industrial/firefighting
Sigma-2 Type 2	3M™ Scott™ Sigma 2 positive pressure self-contained breathing apparatus with moulded composite backframe. No facemask	Marine/industrial/firefighting
Sigma-2-Vis Type 2	3M™ Scott™ Sigma 2 positive pressure self-contained breathing apparatus with Vision 3 facemask and moulded backframe. 55 bar whistle	Marine/industrial/firefighting

Specifications

Weight/dimensions	
Single configuration (less cylinder)	
Weight	2.3kg
Length	600mm
Width	278mm
Depth	(with 6.8 litre 300 bar cylinder) 200mm
Single configuration and facemask (less cylinder)	
Weight	2.9kg
Length	600mm
Width	278mm
Depth	(with 6.8 litre 300 bar cylinder) 200mm

3M Scott Fire & Safety

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