



SABRE SIGMA2

Sabre have over 25 years' experience in the design and manufacture of breathing apparatus. The new Sigma 2 is designed to offer the highest level of breathing apparatus performance in a simple, easy to use package to meet the needs of industry and marine markets who require a combination of maximum performance and true operational simplicity. The Sigma 2 provides optimum levels of reliability and low ownership costs in a self contained breathing apparatus that fully reflects Sabre's stated philosophy: to produce equipment that our customers will wear by choice, not just by necessity.

PNEUMATIC SYSTEM

The heart of the new Sigma 2 set is a simple and reliable two-stage pneumatic system comprising an instant positive pressure demand valve, first stage pressure reducing valve, cylinder connector assembly, shoulder mounted combined pressure indicator and warning whistle.



DEMAND VALVE

The ultra compact, instant positive pressure demand valve features a servo-assisted tilting diaphragm for high protection, low breathing resistance and excellent dynamic performance; particularly at high flow rates.

Mounted on the left side of the facemask, the demand valve provides minimum wearer profile with unimpeded speech transmission characteristics.



BACKPLATE AND HARNESS

The new injection moulded composite backplate is ergonomically designed to be robust and lightweight to ensure optimal load distribution and balance – thus maximising comfort and minimising wearer fatigue.

The backplate harness is manufactured from flame retardant polyester webbing and features corrosion resistant polyamide buckles and fixings. The unique, over-centre locking Kevlar cylinder band is adjustable to any cylinder size without the use of tools.

The Sigma 2 can be used with traditional steel, or the new generation of lightweight composite cylinders.



FACEMASK

The Sigma 2 may be used with the full range of Sabre PanaSeal and PanaVisor positive pressure facemasks. Fitted with optically clear polycarbonate visors to provide full face impact protection, they are available with a choice of non-dermatitic Neoprene or silicone materials.





MARINE KIT

Sigma 2 has been developed for marine applications. The kit comprises a set and cylinder, two spare cylinders, safety harness, safety line and helmet – all contained in a wooden deck storage chest for easy stowing, in accordance with Solas Regulation 17.

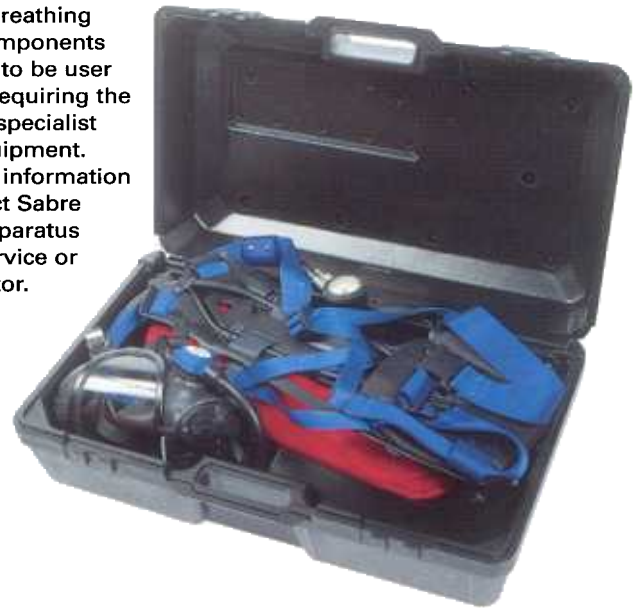
OPERATING FEATURES

The combined pressure reducer and cylinder connector assembly features only two moving parts to ensure efficiency and reliability. The fully automatic operation of the reducer requires no adjustment when using cylinders of charging pressures up to 300 bar.

The shoulder mounted pressure indicator and warning whistle assembly features photo-luminescent face markings for low-light legibility and a robust stainless steel and polycarbonate case with additional rubber shroud. The warning whistle has an operating pressure of 55 bar.

All Sabre breathing apparatus components are designed to be user serviceable, requiring the minimum of specialist skills and equipment.

For further information please contact Sabre Breathing Apparatus Customer Service or your distributor.



Optional moulded carrying case



MAXIMUM PERFORMANCE AND RELIABILITY
COMBINED WITH ECONOMY AND COMFORT