

# Sigma2-VS

Self contained breathing apparatus



## Performance and reliability, economy and comfort

- Proven 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 Vision 3, Promask PP and Panaseal ranges
- Corrosion resistant Nickel plated components
- Simple operation for users
- All components are user serviceable, low cost and easy to maintain
- Will accept wide range of 200 and 300 bar cylinders

## INTRODUCTION

At the heart of the **Sigma 2** set is a simple and reliable two-stage pneumatic system. A first breath activated positive pressure demand valve provide 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 cylinders 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 photoluminescent 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.

## INTRODUCTION SCHEME

