

Proflow2 SC

Powered air respirators filtering systems



INTRODUCTION

Lightweight and compact **Proflow SC**'s ergonomic design incorporates a curved backplate, which ensures user comfort for long periods of use.

The electronic control of the air supply maintains the comfortable airflow and automatically compensates for changes in filter resistance. The comprehensive alarm system ensures operational safety thanks to the continuous visible monitor of battery status and filter blockage with audible warning of need to recharge/replace the filters. The shower-proof construction and downward filter orientation facilitate the decontamination.

Extensive range of facepieces and filters which offer protection across a wide range of applications.

TECHNICAL FEATURES

- **Approvals:** EN12941 & 12942 (TH1/TH2/TH3/TM3). CE 0121
- **Air flow:** Min 120 l/min for the Proflow2 SC and EX, 160 l/min for the Proflow2 SC Asbestos, automatic air flow adjustment
- **Battery operating time:** 7-15 h from a single charge, depending on the filter/facepiece combination (6 h recharging time)
- **Power pack status indication:** Visual display of battery status (A), filter blockage (P)

- **Audible alarm:** warning buzzer of low battery status; running time ca.15 minutes left.
- **Weight of unit without filters:** 1,4 kg
- **Sound level:** < 70 dB
- **Humidity:** < 95%
- **Ingress Resistance:** IP54S IEC 60529

Proflow Ex

The **Proflow2 EX** is for applications where potentially explosive atmospheres require an intrinsically safe powered air respirator.

The casing is highly durable and resistant to impact, high temperature, chemical splash and welding sparks

- **EX classification:** II 2G Ex ib IIC T3 / II 3D Ex tD A22 IP54 T80C
- **Battery:** NiMH 9.6 V Ex. Rechargeable. Contains an Internal safety circuit over current and temperature protection



Proflow SC Asbestos

The **Proflow SC Asbestos** powered air respirator has been specifically developed for use in asbestos removal operations (Level 2).

The CE-certified system incorporates two P3 particle filters and face masks approved to class TM3.

- Electronically maintains a steady 160 l/min airflow
- Typical 10 hours use from a single charge (6 hours)
- Shower-proof construction for easy decontamination and cleaning



FH1



Half Hood

Designed with a unique Neoprene Face seal to deliver the highest level of PAPR protection.

- Revolutionary soft head cradle for intuitive and straightforward donning
- Ultra-clear PETG visor giving wide field of view and a clear down-view panel
- Half hood design with skin-friendly neoprene chin seal

FH2



Full Hood

Light-weight and comfortable full hood with integrated eye protection and shoulder cape.

- Revolutionary soft head cradle for intuitive and straightforward donning
- Ultra-clear PETG visor giving wide field of view and a clear down-view panel
- Full hood design with skin-friendly neoprene chin seal

FH21



Anti-Static Full Hood

Light-weight and comfortable anti-static full hood with integrated eye protection and shoulder cape.

- Revolutionary soft head cradle for intuitive and straightforward donning
- Ultra-clear PETG visor giving wide field of view and a clear down-view panel
- Anti-static full hood design with skin-friendly neoprene chin seal

FH22



Full Hood

The FH22 Hood is a one-size-fits-all, loose-fitting hood designed for the hazards of general industry, first responders, and pharmaceutical manufacturing.

- Quick-draw adjustable headband and harness assembly for easy donning
- Double cape design for compatibility with various coverall designs
- Disposable full hood design with optional disposable hose cover

FH3



Flip-up Visor

The new FH3 flip up headtop features a wide field of vision, superior comfort and stability with innovative new easy to adjust ratchet mechanism.

- New low-profile visor with new head cradle and ratchet designs
- Choice of visor materials with straightforward replacement
- Flip-up framed visor browguard design with skin-friendly neoprene face seal

FH31



Faceshield

The FH31 is a lightweight, user-friendly, multi-purpose face shield. The hollow polyethylene frame channels the airflow to the breathing zone.

- Lightweight polyethylene frame with anti-mist coated acetate visor
- Washable and replaceable polyether foam face seal
- Face shield design with broad elastic headband harness

FH4



Welding Visor

The new compact designed FH4 flip up welding shield features a new innovative headgear and ratchet ensuring excellent comfort, fit and stability.

- New welding visor with new head harness and ratchet designs
- Spatter lens replaceable from front
- Options available: ADF welding lens and Cape accessories to protect against welding spatter

FH5



Helmet and Visor

Manufactured from a durable PU coated nylon material combined with the proven Protector Tuffmaster II helmet, FH5 combines head, face and respiratory protection in one product.

- ABS Safety Helmet with ratchet adjustment harness
- Choice of visor materials and optional ear defenders
- Helmet and flip-up visor combination design with wide elastic chin seal

FH51



Helmet and Hood

The FH51 full hood with helmet and integral visor has been developed to offer protection in higher risk environments including demolition, toxic and hazardous materials handling and environmental cleanup.

- Combined protection for the most demanding environments
- Choice of Hypalon, Hypalon Anti-Static (pending approval) and Butyl-Viton hood materials (pending approval)
- Safety helmet and visor integrated into a chemical splash resistant full hood

FH6



Helmet and Visor

The FH6 is an ideal combination headtop for hazardous environments such as grinding, quarrying, foundry work, construction and ship building.

- Integrated helmet and visor with optional ear defenders
- Choice of visor materials, coatings, and shades.
- Safety helmet and rail-mounted retractable visor with flexible chin seal

FH61



Helmet and Welding Visor

The FH61 is a purpose built combination headtop for one of the most demanding environments. The FH61 incorporates respiratory, head, face, eye and hearing protection.

- Integrated helmet, visor and welding shield with optional ear defenders
- Electronic variable auto-darkening lens and passive lenses available
- Safety helmet and rail-mounted retractable visor with flexible chin seal and outer welding shield

FH7



Full Hood

FH7, featuring a specialist polyurethane hood is designed to give excellent all round vision and respiratory protection.

- Unrivalled field of view and no fit issues with spectacles or beards
- Double cape design for compatibility with various coverall designs
- Full hood in PVC with Polyurethane capes

FM1



Half Mask

FM1 is a half mask available in two sizes. The liquid silicone rubber face seal provides exceptional comfort and fit. Applications include welding and spraying. The low profile design of the FM1 makes it readily compatible with visors, welding shields and other PPE.

- Integrates easily with other PPE
- Side entry hose improves comfort and balance
- Half mask also approved for unpowered use with Pro2000 filters <300g

FM2



Full Face Mask

FM2 full face mask is based on the Sari mask which is renowned for its high standards of safety, reliability and comfort. The wide sealing edge of the FM2 provides a high level of comfort and fit for extended periods of use.

- Natural rubber front-port facemask
- Large visor area and broad face seal
- Single size full facemask also approved for unpowered use with Pro2000 filters

FM3



Full Face Mask

The FM3 is based on the design of the Scott Safety Promask, proven in a wide variety of industrial applications. FM3 utilises a T-bar face seal design, which provides a highly efficient seal with minimal pressure on the face. FM3 incorporates a wide panoramic visor to maximise the field of vision and a front mounted speech diaphragm.

- Choice of halo-butyl and silicone materials
- Side entry hose improves comfort and balance
- Full facemask available in two sizes, also approved for unpowered use with Pro2000 filters

FM4



Full Face Mask

FM4 is a full facemask providing the highest levels of respiratory protection. A novel hose connection brings the hose up over the wearer's shoulder.

- Ultimate comfort with LSR silicone seal and unrestricted (98%) field of vision
- Side entry hose improves comfort and balance
- Full facemask available in three sizes, also approved for unpowered use with Pro2000 filters

Pro2000 filters

RD DIN 40 PRO 2000 filters for Proflow2 SC










INTRODUCTION

The **Pro2000** filtering cartridges combine an advanced technology to the exclusive know-how from SCOTT Safety about filtration. The range offers a wide choice of filters for specific respiratory challenges which are all compliant to the EN standards and are CE0121 approved.

Pro2000 filters are fully EN approved to the latest standards, marked 'R' for re-usable, CE certified, and connect via a 40 mm EN148-1 thread (compatible with the EN136 approved panoramic masks and the EN140 approved half-masks).

APPROVED PRO 2000 FILTERS FOR PROFLOW2 SC

	Colour Code	Reference	Protection	Main applications
		5052670	P3	Solid and liquid toxic, radioactive and detrimental particles as well as micro-organisms, e.g. bacteria and viruses.
		5042670	A2-P3	Gases and vapours from organic compounds and solid and liquid toxic particles
		5042671	B2-P3	Inorganic gases and vapours and solid and liquid toxic particles.
		5042674	A2B2-P3	Organic, inorganic gases and vapours and solid and liquid toxic particles.
		5042678	A2B2E1-P3	Organic, inorganic and acid gases and vapours and solid and liquid toxic particles.
		5042799	A2B2E2K2-P3	Organic, inorganic and acid gases and vapours, ammonia and solid and liquid toxic particles.
		5542798	A2B2E2K2Hg-P3	Organic, inorganic and acid gases and vapours, ammonia, mercury vapour and mercury compounds and solid and liquid toxic particles.