

# PROFLOW SC

POWERED AIR RESPIRATOR



# MORE FLEXIBILITY ADDED SAFETY

## **PROFLOW SC**

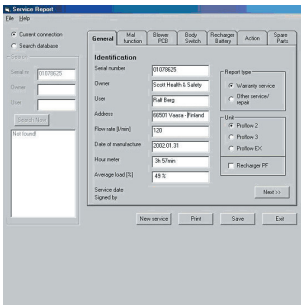
Comprehensive powered air respiratory protective system from Scott Safety.



- Proflow SC represents the next generation of powered air respirators. Intelligent and easy to use the PF SC has a number of advanced refinements over the original Proflow concept. Lightweight and compact Proflow SC's ergonomic design incorporates a curved backplate, which ensures user comfort for long periods of use. An extensive choice of headtops meets the widest range of applications. The unique 3 year blower warranty confirms the reliability and robust design of Proflow SC.
- **INTELLIGENT**
  - Electronic control of the air supply maintains the comfortable airflow, automatically compensating for changes in filter resistance
  - On board data logging records usage to provide reliable and downloadable maintenance information
  - Unique 3 year/1800 hour blower warranty, whichever comes first (battery warranty 1 year)
- **PERFORMANCE MONITOR**
  - Comprehensive alarm system ensures operational safety
  - Continuous visible monitor of battery status and filter blockage with audible warning of need to recharge/replace the filters
  - Typical 7-15 hours use from a single charge (depending on the filter/facepiece combination)
- **MULTI-FUNCTION, MULTI-PURPOSE**
  - Extensive headtop options to cover the widest range of applications
  - Comprehensive choice of filters available, including PSL, APSL, BPSL, ABPSL, ABEPSL, ABEKPSL and ABEKHgPSL

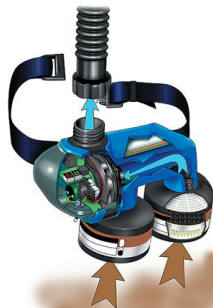


# INTELLIGENT SAFETY SMARTER SOLUTIONS



## MINIMAL MAINTENANCE

- No user calibration or servicing required
- The electronics allow your Scott approved service centre to run diagnostic checks and provide full service history records



## LOW THROUGH LIFE COSTS

- Durable construction and heavy-duty materials ensure a long working life
- Shower-proof casing for easy decontamination

## ALWAYS ON STANDBY

- Integrated battery is safely enclosed within the casing and is rechargeable in-situ
- Lightweight NiMH battery with fast recharge
- Smart charger indicates charging status and reverts to trickle charge, allowing fully charged battery to remain plugged-in on standby
- Shielded on/off button eliminates accidental shut-off

## LOW COST OF OWNERSHIP

Low cost of ownership and minimising through-life expense are priorities in modern industry. Proflow SC offers a 3 year or 1800 hour run time warranty on the motor and requires no user calibration, significantly reducing on-site maintenance costs and expensive downtime between uses.

The on-board electronics allow a Scott approved service centre to run a full diagnostic check during the recommended annual service, giving a fast turnaround and keeping service costs to a minimum.

The same electronics continuously record use and performance data, which is easily downloaded. This greatly simplifies RPE record keeping, and will maintain a full service history of the unit.

## PRACTICAL SERVICE

Proflow SC incorporates a data-logging function, which automatically records reliable information about usage and performance of the blower unit:

- Provides historical maintenance log
- Maintains serial and owner ID on board
- Maintains loading data
- Tracks filtration resistance to assist in scheduling filter changes
- Downloads data at service, offers a full report to the customer
- Provides error information thanks to fault memory
- Includes diagnostic program technology – Auto Analysis
- Maintains warranty status
- Authorised service personnel carry out service, and we recommend a yearly service calibration and check.

## Proflow SC

### Technical Data

Approvals:	EN12941 & 12942 (TH1/TH2/TH3/TM3). CE 0121.
Air flow:	Min 120 l/min, automatic adjustment.
Battery:	Rechargeable, PF NiMH 9.6V/ Standard. Optional PF NiMH 9.6V/Power
Battery operating time	7-15 h from a single charge, depending on the filter/ facepiece combination
Charging device:	6 h recharging time. Automatic trickle charge.
Power pack status indication:	Visual display of battery status (A), filter blockage (P). Warning buzzer of low battery status; running time ca.15 minutes left.
Weight of unit without filters:	1,4 kg
Sound level:	< 70 dB
Temperature range:	-10 °C ... + 50 °C
Humidity:	< 95%
Recharging temperature:	Recommended recharging temperature ca + 20 °C
Ingress Resistance:	IP54S IEC 60529



The Proflow SC system incorporates some of the most advanced features available today, including data-logging, electronic flow control, in-use status monitoring and filter & battery alarms, into a rugged blower designed to meet the demands of the most aggressive working environments.














## ORDERING INFORMATION

### PROFLOW SC - ADVANCED POWERED AIR RESPIRATOR

#### Blower

Part Number	Description
5064024	Proflow SC blower, including battery, charger, hose and belt

#### PRO2000 filters approved for Proflow SC

	Colour Code	Filter	Code
		PF10 PSL Solid and liquid toxic, radioactive and detrimental particles as well as micro-organisms, e.g. bacteria and viruses.	5052670
		CF 22 A PSL Gases and vapours from organic compounds and solid and liquid toxic particles.	5042670
		CF 22 B PSL Inorganic gases and vapours and solid and liquid toxic particles.	5042671
		CF 22 AB PSL Organic, inorganic gases and vapours and solid and liquid toxic particles.	5542674
		CF 22 ABE PSL Organic, inorganic and acid gases and vapours and solid and liquid toxic particles.	5042678
		CF 32 ABEK PSL Organic, inorganic and acid gases and vapours, ammonia and solid and liquid toxic particles.	5042799
		CF 32 ABEKHg PSL Organic, inorganic and acid gases and vapours, ammonia, mercury vapour and mercury compounds and solid and liquid toxic particles.	5542798

For information regarding compatible headtops, please contact Scott Safety



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



**UK Office**

**Keison Products,**

**P.O. Box 2124, Chelmsford, Essex, CM1 3UP, England.**

**Tel: +44 (0)330 088 0560**

**Fax: +44 (0)1245 808399**

**Email: [sales@keison.co.uk](mailto:sales@keison.co.uk)**

Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.