

PROFLOW 2

POWER PACK



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The superb Proflow power pack range offers an advanced, reliable solution to all respiratory protection needs. Proflow2 is the latest response to the exacting standards now demanded of powered respirators in a wide variety of working situations. Although extremely light in weight, Proflow2 is a heavy-duty power pack. High performance and intelligent features provide easier breathing, safer working hours and durability.

Latest innovations in powered respirators.

High performance

New technology provides outstanding performance, comfort and cost-advantages. NiMH battery, the latest technology, gives efficient service with reduced weight. The battery has a low environmental impact and is encased for protection against accidental damage.

- Powerful long-lasting blower unit.
- Proflow2 120 and Proflow 2 EX intrinsically safe blower units available.

Heavy-duty construction

The casing is fully resistant to all forms of wear and tear including impact, high temperature, chemicals, splashing and welding sparks.

- Durable - long product life.
- Shower-proof construction and filter orientation facilitate decontamination in high-dust applications, e.g. asbestos removal.
- Standard filters keep costs down and simplify logistics.

Comfortable to wear: easy to use

Compact structure and small dimensions offer unrivalled ergonomic wearability. Extremely lightweight, portable power pack.

- Weight is well-balanced, even with the heaviest filters.
- Silent running reduces operator fatigue.
- Simple to start, due to ergonomic equipment design.
- Recharging in situ for extra convenience.
- Effortless donning and doffing, due to the compact design.
- Optional harness plus support belt, as natural to wear as your clothes.

Approved to EN 12941 and 12942. CE 0121.



Technical data	Proflow2	Proflow2 EX
Flow rate	120 l/min automatic adjustment, constant flow.	120 l/min
Battery	NiMH rechargeable 9.6 V / 3.8 Ah. Internal over-current protection and temperature protection.	NiMH rechargeable 9.6 V / 3.8 Ah. Internal over-current protection and temperature protection.
Recharger	Recharging time 6 h. Automatic trickle charge. Decharging possibility.	6 h.
Operating time on a single charge	8 hours; depending on the choice of head piece/filter combination.	Ca 8 h.
Power Pack status	Visual display of battery status and capacity on the power pack, plus warning buzzer.	Visual display of battery status and capacity on the power pack, plus warning buzzer.
Weight	1,4 kg without filters.	1,5 kg without filters. Ex classification; Eex ib IIC T3



Intelligent power pack

The Proflow2 is equipped with microprocessor-controlled air-flow management for faultless operation and accurate, quick air-stream regulation. Built-in control system continually monitors the status of the power pack and adjusts the air-flow rate.

- Clear display shows both battery capacity and blower power.
- Audible warnings when battery is low or when minimum flow rate is not achieved.
- Status indication when starting and continuous indication for battery level and air-flow.

Advanced maintenance

To facilitate load tracking and servicing, the Proflow2 incorporates a data-logging function, which automatically records information about the usage and performance of the blower unit. Proflow Service Tool software is available for tracking the history of each individual model and reliable product identification.

- All key components are easy to replace and to maintain, which helps to extend power pack life.
- Tool kit for the repair of the blower (Ref. No 063880). The kit is for use by authorised service personnel only.
- Hard plastic case (ref. no 141097); durable case that holds the power pack and face piece in a shockproof foam plastic bed, size: 38 x 13 x 50 cm.



Face pieces

The Proflow range of powered respirators is completed by an extensive range of head-pieces and filters which offer protection across a wide range of applications throughout industry.

1. Automask 063080

Lightweight, multi-purpose face shield providing high degree of comfort. *Class TH2 EN 12941.*

2. Automask Litehood 063085

Offers full head and neck cover as well as excellent facial protection. Applications e.g. medical blasting operations. *Class TH3 EN 12941.*

3. Half Mask

030181 Half mask, NR
030182 Half mask, Sil
Small-size face piece. Available in natural rubber or silicone. *Class TM2 EN 12942.*

4. Sari Full face mask

011680 Natural Rubber, NR
011685 Silicone, Sil
Offers the highest level of protection against gases, vapours and particles. Face piece is available in soft natural rubber and hypoallergenic silicone. Can be equipped with welding shield. *Class TM3 EN 12942.*

5. Promask Full face mask

012681 black EPDM
Promask offers particularly comfortable protection and low breathing resistance. Air-supply connector is placed on side to avoid hose distortion. For the most demanding conditions, e.g. asbestos removal and in nuclear power plants. Easy-to-attach welding shield available. *Class TM3 EN 12942.*

6. ProVizor Face shield

064100
Latest design of facepieces for power-assisted respirators. Featuring highest comfort and excellent finish. Lightweight; made from entirely non-allergic materials. Impact resistant visor. *Class TH2 EN 12941.*

7. FS-AF Face shield

062781
Sturdy facepiece with clear and impact resistant visor. *Class TH1 EN 12941.*

Welding shields

For effective protection against hazardous welding fumes, gases and vapours.

- 8. 062782 WS-AF (1.7/10 DIN)
- 9. 069917 WS-AF-TC (1.7/10 DIN) (with helmet)

Light and comfortable to wear. Incorporates a UV visor, and an arc welding visor with filters in different shades. *Class TH1 EN 12941.*

- 10. 063280 Albatross 300

- 11. 069920 Albatross 430 TC (with helmet)

Effective protection of welder's eyes and face against radiation. Ensures that the air inside the mask is clean. Equipped with a flip-up visor to which optional electro-optical Autoshade (063298) filter can be attached. *Class TH1 EN 12941.*

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Ordering information

063780	Proflow2 power pack. Including blower, battery, recharger, hose and buckled belt
063781	Proflow2 EX power pack

Spare parts

- 063792 Blower body without belt
- 063593 Blower PF2 120
- 063594 Body tensioner
- 062786 Belt and buckle
- 063598 Hose PF 80
- 063790 Battery NiMH 9.6 V/3.8 Ah
- 063791 Recharger
- 063595 O-ring



Accessories

- 063588 Power supply 230 VAC
- 063587 Lighter socket cable for vehicles 12 VDC
- 063596 Harness for power packs
- 063880 Service kit for repair of the blower unit
- 141097 Hard plastic case
- 063798 Tyvek-cover
- 063597 Support belt, Universal
- 062996 PVC-belt
- 063799 Hose with angle connector



Proflow Ready packs

Ready-Packs are an easy way to get started!

Including blower unit Proflow2 120, battery, recharger, face piece, and 2 Pro2000 PF 10 P3 -filters.

Ref. No Face piece

063620	Full face mask Sari NR
063621	Full face mask Sari Sil
063622	Full face mask Promask
063601	Half mask NR
063602	Half mask Sil
063610	Automask
063611	Automask Litehood

Ready-Packs for welding

Including blower unit Proflow2 120, battery, recharger, welding shield, 2 PF 10 P3 -filters and 2 spark protectors for the filters.

Ref. No Welding shield

063635	WS-AF
063636	WS-AF-TC (helmet)
063637	Albatross 300
063638	Albatross 430

Protection classes and factors

Proflow2 120		Filter compability						
Face piece	Protection EN standard	PF	P	A P	B P	AB P	ABE P	ABEK P
Full face mask	EN 12942 TM3	500	+		+	+	+	+
Half mask	EN 12942 TM2	100	+		+	+	+	+
Automask and ProVizor		EN 12941 TH2	20	+	+	+	+	+
Automask Litehood	EN 12941 TH3	100	+	+	+	+	+	+
Flowhood	EN 12941 TH2	20	+	+	+	+	+	+
Welding shield + FS-AF	EN 12941 TH1	10	+	+	+	+	+	+

Power pack, facepiece plus filters are a approved combination.

Proflow2 EX		Filter compability						
Face piece	Protection EN standard	PF	P	A P	B P	AB P	ABE P	ABEK P
Full face mask	EN 12942 TM3	500	+	+		+	+	+
Half mask	EN 12942 TM2	100	+	+		+	+	+
Automask and ProVizor		EN 12941 TH2	20	+	+	+	+	+
Automask Litehood	EN 12941 TH3	100	+	+	+	+	+	+

The following standard Pro2000 filters are compatible with Proflow2 Power pack

Colour Code	Filter type	Main area of applications	Ref. No	Storage time Years
	PF10 P3	Solid and liquid particles, radioactive and toxic particles, bacteria and viruses.	052670	10
	CF22 A2-P3	Organic gases and vapours with boiling point higher than 65°C, solid and liquid particles, radioactive and toxic particles, bacteria and viruses.	042670	5
	CF22 B2-P3	Inorganic gases and vapours, e.g. chlorine, hydrogen sulphide, hydrogen cyanide, fluorine, cyanogen chloride, phosgene, solid and liquid particles, radioactive and toxic particles, bacteria and viruses.	042671	5
	CF22 A2B2-P3	Organic gases and vapours, inorganic gases and vapours, solid and liquid particles, radioactive and toxic particles, bacteria and viruses.	042674	5
	CF22 A2B2E1-P3	Organic and inorganic gases and vapours, acid gases and vapours, solid and liquid particles, radioactive and toxic particles, bacteria and viruses.	042678	5
	CF32 A2B2E2K2-P3	Organic and inorganic gases and vapours, acid gases and vapours, ammonia and organic ammonia derivatives, solid and liquid particles, radioactive and toxic particles, bacteria and viruses.	042799	5

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