

PROFLOW 2-EX-3

POWERED RESPIRATORS



tyco / **SCOTT**
HEALTH & SAFETY

PROFLOW 2 - EX - 3

POWERED RESPIRATORS

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

PROFLOW2 120 – PROFLOW2 EX 120

Intelligent power pack

- The Proflow is equipped with microprocessor-controlled airflow management for faultless operation and accurate, quick airstream regulation. Built-in control system continually monitors the status of the power pack and adjusts the airflow rate.
- Clear display shows both battery capacity and blower power.
- Audible warnings when battery is low or when minimum flow rate is not achieved.

High performance

- New technology provides outstanding performance, comfort and cost-advantages. NiMh battery gives efficient service with reduced weight. The battery has a low environmental impact and is encased for protection against accidental damage.
- Proflow 2 EX intrinsically safe blower unit 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

- Compact structure and small dimensions offer unrivalled ergonomic wearability. Extremely lightweight, portable power pack.
- Weight is well balanced, even with the heaviest filters.
- Effortless donning and doffing, due to the compact design.

Advanced maintenance

- To facilitate load tracking and servicing, the Proflow incorporates a data-logging function, which automatically records information about the usage and performance of the blower unit.
- Key components of the blower casing are easy to replace and to maintain, which helps to extend power pack life.

PROFLOW 3

PROFLOW3 120 – PROFLOW3 180

- Proflow 3 respirators are economic in heavy-duty use over long periods of time. Three filters increase filtering capacity.
- The casing is fully resistant to all forms of wear and tear including impact, high temperature, chemicals, splashing and welding sparks.
- Shower-proof construction and filter orientation facilitate decontamination in high-dust applications, e.g. asbestos removal.
- Scott's standard filters simplify logistics and keep costs down.
- Proflow 3 180 l/min of airflow is approved with Automask, Provizor and Automask-Litehood facepieces.

FACE PIECES:



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

FULL FACE MASKS

- 1) 012681 Promask (black) M, elastomer compound
- 2) 011685 Sari Silicone, Sil
- 011680 Sari Natural rubber, NR

Used for the most demanding conditions with hazardous levels of contaminants, e.g. asbestos removal and in nuclear power plants. Optional welding shield is available. TM3 EN 12942.

HALF MASK

- 3) 030182 Half mask Autoflow, Silicone, Sil
- 030181 Half mask Autoflow, Natural Rubber, NR

Small-size face piece. Compatible with other protective equipment. TM2 EN 12942

FACE SHIELDS

- 4) 064401 Procap with clear visor
- The new powered air helmet embodies respiratory, head, face, eye and optional hearing protection.

PROCAP is designed for protection in hazardous working conditions, such as metal processing, quarrying, foundry work and shipbuilding. Procap features a sturdy heat-resistant polyamide shell, adjustable head harness, comfortable face seal and parallel-rail flip-up visor frame. Choice of visors for protection against impact, glare, heat and infrared radiation available. EN 12941 TH2. EN397. EN166/169. EN175. EN352-3.

- 5) 064181 Provizor, with angle connector hose
- 064180 Provizor, without hose

The lightweight face shield incorporates a hypoallergenic silicone faceblank, sturdy frame, anti-mist coated visor and new comfortable textile harness. Provizor can be equipped with an angle hose. Impact resistant visor, class 3-B. TH2 EN 12941.

- 6) 063080 Automask

Lightweight, multi-purpose face shield providing high degree of comfort and a full field of vision. Materials: heavy-duty LD polyethylene, PE-foam sealing and CA-visor. Applications range from industry to agriculture. TH2 EN 12941.

- 7) 062781 FS-AF Faceshield

Strong faceshield with clear visor. Frame is made from polypropylene and visor from AC. TH1 EN12941.

HOODS

- 064280 Flowhood 1 ML, general size
- 064281 Flowhood 1 SM, small
- 064282 Flowhood 2
- 064283 Flowhood 2 AS anti-static

Flowhoods are manufactured from a durable PU-coated nylon fabric. Designed for applications where impact protection is not needed.

8) Flowhood 1 is ultra-lightweight semi-hood. Available in two sizes to ensure a good fit for all wearers. TH 2 EN12941.

9) Flowhood 2 covers head, neck and shoulders. With the convenience of a simple necktie seal, one size of Flowhood 2 will fit all head sizes. It is particularly suitable for wearers with beards or spectacles. An optional anti-static Flowhood 2 A/S -hood is available in white. TH3 EN12941.

- 10) 063085 Automask-Litehood

Offers full head and neck cover as well as excellent facial protection. Applications range from the medical industry to agriculture as well as blasting operations. TH3 EN12941.

WELDING SHIELDS

- 11) Procap Welding

The unique patented dual visor-glide mechanism allows the user to smoothly retract both the face shield and optional welding shield individually for maximum flexibility. The welding frame is a strong, lightweight polyamide construction to which the welding lens is easily attached. Procap Welding features a large 110 x 90 mm flip-up welding visor for different shades of welding filters. Optional electro-optical filters are also available. TH2 EN12941. EN175. EN397.

- 12) 062782 WS-AF (1.7/10 DIN)
- 069917 WS-AF-TC with helmet (1.7/10 DIN)

Visor construction incorporates a UV visor, and an arc welding visor with filters in different shades. TH1 EN12941.

- 13) 063280 Albatross 300
- 069920 Albatross 430 TC

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 filter can be attached. Class TH1 EN 12941.

Technical data	Proflow2 120		Proflow3 120	
Feature:	Proflow2 120	Proflow2 120 EX	Proflow3 120	Proflow3 180
Flow rate l/min:	120 l/min	120 l/min	120 l/min	180 l/min
Battery:	NiMh, rechargeable PF 9.6 V/ Standard. <i>Internal overcurrent protection and temperature protection.</i>	NiMh, rechargeable PF Ex 9.6 V/ EX	NiMh, rechargeable PF 9.6 V/ Standard.	NiMh, rechargeable PF 9.6 V/ Standard.
Operating time from single charge:	8-15 hours; depending on the choice of head piece/filter combination.			
Recharger:	Recharging time 6 h. Automatic test before charge. Automatic trickle charge.			
Power pack status indication:	Visual display of battery status and capacity on the power pack, warning buzzer.			
Weight:	1,4 kg without filters	1,5 kg	1,8 kg	1,7 kg
Temperature range:	- 10 °C ... + 30 °C			
Ex-classification:	—	Eex II 2G EEx ib IIC T3 (ATEX)	—	—
Approved headpieces:	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13.	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11.	1, 2, 3, 5, 6, 7, 10, 12, 13.	5, 6, 7.



ORDERING INFORMATION

Code	Product
063780	Proflow2 power pack, including blower, battery, recharger, hose and buckled belt
063781	Proflow2 EX power pack
063581	Proflow 3 120
063582	Proflow 3 180

Accessories

064043	Battery PF 9.6 V/Power
062786	Belt and buckle PF AF (2)
062996	PVC-belt (5)
063596	Harness (1)
064096	Harness for welding
141097	Hard plastic case (3)
063799	Hose with angle connector (4)
064517	Disposable protective cover PF



READY-PACKS AND SPARE PARTS

See *Scott Pricelist*

PROTECTION CLASSES AND FACTORS

Proflow2 120 and Proflow3 120, EN 12941 & 12942

Face pieces	PRO2000-Filters:					
	PF10P3	CF22A2-P3	CF22B2-P3	CF22A2B2-P3	CF22A2BE1-P3	CF32A2B2E2K2-P
Full face masks	TM3PSL	TM3A2PSL	TM3B2PSL	TM3A1B2PSL	TM3A1B2E1PSL	TM3A1B2E2K2PSL
Half masks	TM2PSL	TM2A2PSL	TM2B2PSL	TM2A1B2PSL	TM2A1B2E1PSL	TM2A1B2E2K2PSL
Automask, Provizor, Procac, Flowhood 1	TH2PSL	TH2A2PSL	TH2B2PSL	TH2A1B2PSL	TH2A1B2E1PSL	TH2A1B2E2K2PSL
AM Litehood, Flowhood 2	TH3PSL	TH3A2PSL	TH3B2PSL	TH3A1B2PSL	T23A1B2E1PSL	TH3A1B2E2K2PSL
Procac Welding	TH2PSL	TH2A2PSL	TH2B2PSL	TH2A1B2PSL	TH2A1B2E1PSL	TH2A1B2E2K2PSL
Welding shields: WS-AF, Albatross, FS-AF	TH1PSL	TH1A2PSL	TH1B2PSL	TH1A1B2PSL	TH1A1B2E1PSL	TH1A1B2E2K2PSL

Proflow Ex 120, EN 12941 & 12942

Face pieces	PRO2000-Filters:					
	PF10P3	CF22A2-P3	CF22B2-P3	CF22A2B2-P3	CF22A2BE1-P3	CF32A2B2E2K2-P3
Full face masks	TM3PSL	TM3A2PSL	-	TM3A1B2PSL	TM3A1B2E1PSL	TM3A1B2E2K2PSL
Half masks	TM2PSL	TM2A2PSL	-	TM2A1B2PSL	TM2A1B2E1PSL	TM2A1B2E2K2PSL
Automask, Provizor, Procac, Flowhood 1	TH2PSL	TH2A2PSL	TH2B2PSL	TH2A1B2PSL	TH2A1B2E1PSL	TH2A1B2E2K2PSL
Automask Litehood, Flowhood 2	TH3PSL	TH3A2PSL	TH3B2PSL	TH3A1B2PSL	TH3A1B2E1PSL	TH3A1B2E2K2PSL
Procac Welding	TH2PSL	TH2A2PSL	TH2B2PSL	TH2A1B2PSL	TH2A1B2E1PSL	TH2A1B2E2K2PSL

Proflow3 180, EN 1294

Face pieces	PRO2000-Filters:					
	PF10P3	CF22A2-P3	CF22B2-P3	CF22A2B2-P3	CF22A2BE1-P3	CF32A2B2E2K2-P3
Automask, Provizor	TH2PSL	TH2A2PSL	TH2B2PSL	TH2A1B2PSL	TH2A1B2E1PSL	TH2A1B2E2K2PSL
Automask Litehood	TH3PSL	TH3A2PSL	TH3B2PSL	TH3A1B2PSL	TH3A1B2E1PSL	TH3A1B2E2K2PSL



NOTE! An approved respirator unit always consists of a blower + face piece + filters. See below for the approved combinations of components for Proflow powered respirators. Only units comprising these specific combinations of respirator components bear the CE symbol of approval. The manufacturer does not accept responsibility for any other combination of components.

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