

SCOTT®

Flowhood 1 & 2



Instructions for Use

ENGLISH



009738-E 05/2010

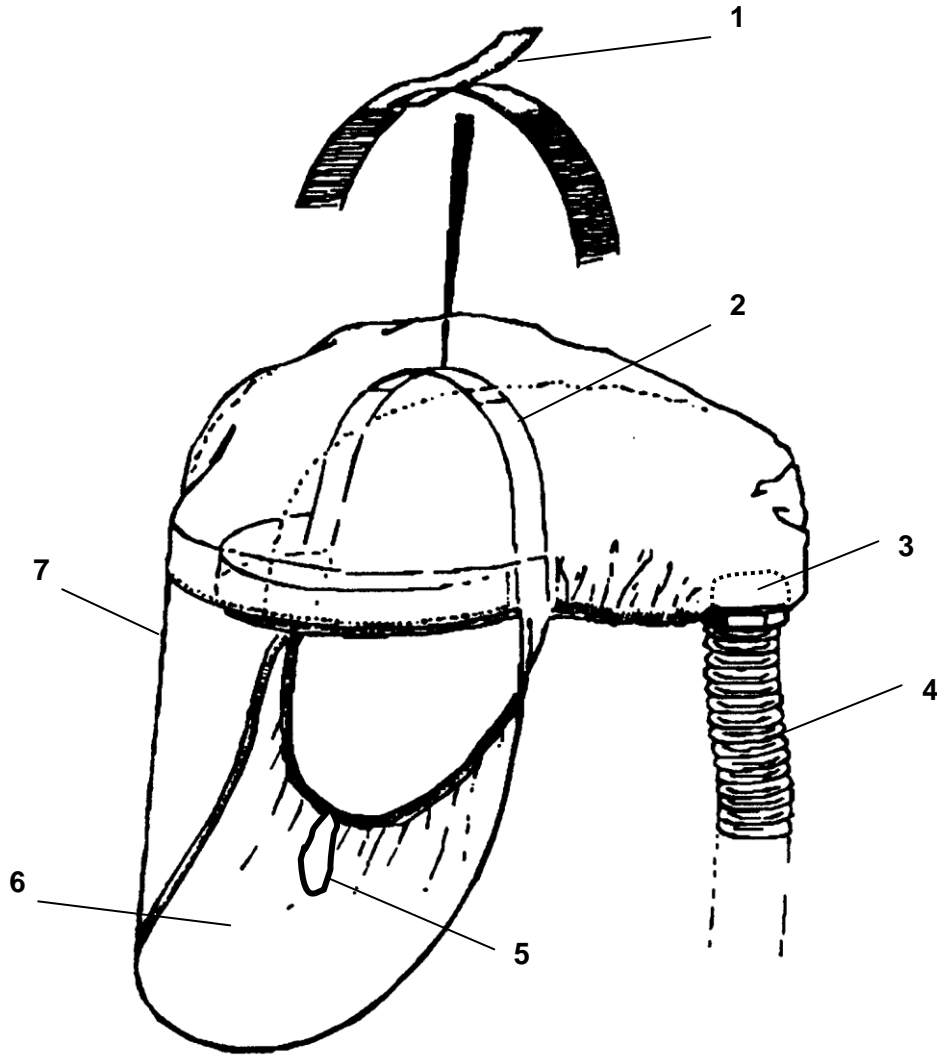
CE 0121



SAI Global
AS/NZS 1716
Lic. 0858



СЦ05



FL 1 ML **064280**
FL 1 SM **064281**



FL 2 **064282**



FL 2 A/S **064283**
(antistatic)



FL2 SU **064670**
(single use)

CE 0121

BGIA, DE-53754 Sankt Augustin, Germany



SAI Global
AS/NZS 1716
Lic. 0858

Australia
(excluding FL2 SU)



CLЦ05

Russia

Components		
1-2	--	velcro / crown strap
3	--	nut (+ washer)
4	064297	breathing hose FL PU (3)
5	--	loop
6	--	exhalation valve
	064296	valve disc FL (2 pcs)
7	--	face seal
8	--	visor
	064295	visor cover FL (10 pcs)
	064291	hood FL1 ML
	064292	hood FL1 SM
	064293	hood FL2
	064294	hood FL2 A/S (anti-static)
	064540	hood FL2 SU (5)

Approved combinations

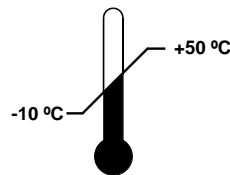
Hood	Blower device	Pro2000	Pro2000
		Combined filter	Particle filter
Flowhood 2 Flowhood 2 A/S Flowhood 2 SU	064024 Proflow2 SC 120	CF22 A P R	PF 10 P R
	063781 Proflow2 Ex 120	CF22 B P R	
	063581 Proflow3 120	CF22 AB P R	
	063582 Proflow3 180	CF22 ABE P R	
	062976 Autoflow 120	CF32 ABEK P R CF32 ABEKHg P R	
Flowhood 1	064024 Proflow2 SC 120	CF22 A P R	PF 10 P R
	063781 Proflow2 Ex 120	CF22 B P R	
	063581 Proflow3 120	CF22 AB P R	
	063582 Proflow3 180	CF22 ABE P R	
	062976 Autoflow 120	CF32 ABEK P R	

Year of manufacture: inside the hood, over the visor (month+year).

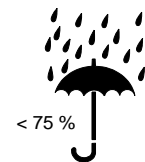
Symbolit



See Instructions for Use!



Recommended storage conditions (temperature and humidity).



WARRANTY

The products manufactured at our factories in Skelmersdale and Vaasa carry a warranty of 12 months (unless stated otherwise) for parts, labour and return to site. The warranty period runs from the date of purchase by the end user.

These products are warranted to be free from defects in materials and workmanship at the time of delivery. Scott will be under no liability for any defect arising from wilful damage, negligence, abnormal working conditions, failure to follow the original manufacturers instructions, misuse or unauthorised alteration or repair.

Evidence of purchase date will need to be provided for any claims arising during the warranty period. All warranty claims must be directed through Scott Customer Services and in accordance with our sales return procedure.

Hood Flowhood 1 & 2

064280 Flowhood 1 ML	(half hood)
064281 Flowhood 1 SM	(half hood, small)
064282 Flowhood 2	(full hood)
064283 Flowhood 2 A/S	(full hood, antistatic)
064670 Flowhood 2 SU	(full hood, single use)

1. General

The Flowhood 1 and Flowhood 2 is designed to protect the respiratory system and face against hazardous gases and particles.

- Use with a blower device, with the filters fitted to the blower device.
- Consists of a hood and a breathing hose.
- Air is drawn through particle filters connected to the blower, by an electronically-controlled fan and led through the breathing hose into the facepiece (airduct). Exhaled air exits through an exhalation valve found in the lower part of the hood.

2. Limitations of use

- 2.1** The filtering device must not be used if the environment and contamination is unknown. In case of doubt, isolating respirators (air supply) which function independently of the atmosphere must be used.
- 2.2** The filtering device must not be used in confined spaces (e.g. cisterns, tanks) because of the risk of oxygen deficiency or presence of heavy oxygen-displacing gases (e.g. carbon dioxide).
- 2.3** The filtering device may be used only if the oxygen content of the air is 18–23 vol.%.
- 2.4** Gas filters do not protect against particles. Similarly, particle filters do not provide protection against gases or vapours. In case of doubt, use combined filters.
- 2.5** Normal filtering devices do not protect against certain gases such as CO (carbon monoxide), CO₂ (carbon dioxide) and N₂ (nitrogen).
- 2.6** Particle filters are only allowed for single use if they are applied against radioactive agents or micro-organisms (virus, bacteria, fungi and spores).
- 2.7** It is likely that adequate protection cannot be guaranteed if the user's beard, hair, spectacle frames or clothing intrude into the face seal.
- 2.8** When a breathing protector is used in explosive atmospheres, please follow the instructions given for such areas. The use of Flowhood 1 & 2 is permitted when connected to an intrinsically safe (ex) blower device.
- 2.9** **The blower must be running** while using the respirator. If the blower turns off by accident, the device ceases to function as a respirator, and carbon dioxide levels may instantly rise. This is considered an abnormal situation.
- 2.10** At a very intense working pace, the pressure in the facepiece can change into negative pressure at peak inhalation.
- 2.11** Protection levels may be reduced if wind speed exceeds 2 m/s.
- 2.12** Recommended operation conditions -10 °C...+50 °C, relative humidity (RH) under 75 %.
- 2.13** Filters must not be fitted directly to the the face shield or breathing hose.

3. Use

- See Instructions for Use of the filter and blower device to be used.
- Check intactness of hood and breathing hose.
- Fix the breathing hose of the hood tightly to the blower device.
- Screw the filters tightly to the blower device.
- Remove the protective film from both surfaces of the visor.
- Adjust the headband (velcro).

- Don the blower unit according to its instructions.
- Switch on the blower device, then check adequate air flow (see Instructions for Use of the blower unit).
- Don the hood so that the visor comes in front of the face and the breathing hose trails freely down the back and is not kinked.
- Flowhood 1 (half hood): Tighten by arranging the faceseal under the chin (draw at the loop).
- Flowhood 2 (full hood): Tighten by adjusting the drawstring around the neck.
- Check that hair or clothing is not trapped in the seal.

4. Maintenance and storage

- **Store** protected from direct sunlight, at -10 °C...+50 °C and relative humidity (RH) under 75 %.
- **Clean** with a damp cloth or sponge, using lukewarm water and mild detergent (neutral, pH 6-8) (e.g. washing-up liquid) (be careful not to scratch the visor). Allow to dry.
- *TriGene*TM wipes may be used for **disinfection**.
- **Do not** use solvents (e.g. acetone, turpentine), hot water or bleaching agents (perborate, percarbonate). Never clean with compressed air or compressed water.
- **Check** that the hood and breathing hose are undamaged and replace damaged items.
- Only use original spare parts.

Replacing the breathing hose

- Undo the nut found on the rear innerhood (with Flowhood 2, also remove the plastic washer) and remove the hose.
- Insert the new hose into the hood (with Flowhood 2, also fit the washer) and tighten the nut.
- Check that both layers of hood fabric are trapped under the nut.

Replacing the exhalation valve

- Pull the valve cover from the valve and remove the disc.
- Insert a new disc making sure that it lies flat on the seat.
- Align the valve cover with the slots and snap it into place.

5. Disposal

- A very contaminated hood as well as used filters are special refuse and shall be disposed of according to the filtered substances (gases or particles).

6. Australia and New Zealand

- For complete national requirements, please refer to the standard AS/NZS1715:2009, Use & Maintenance of Respiratory Products.

7. Selection of blower-assisted breathing protector equipped with filter

See Instructions for Use of the blower device to be used.

Type of protective device	Multiples of threshold concentration **)		Remarks, limitations
	APF (Assigned protection factor)		
	BS 4275 (GB)	BGR 190-ZH1/701 (DE)	
Power-assisted face shield with particle filter TH1P TH2P (Flowhood 1) TH3P (Flowhood 2)	10 20 40	5 20 100	"Open" facepieces, such as helmets or hoods, do not provide sufficient protection in case of breakdown or inferior output of the blower. Therefore, devices of class TH1 must never be used against carcinogenic, very poisonous or radioactive gases and vapours.
Power-assisted face shield with gas filter *) TH1 gas filter class 1 or 2 TH2 gas filter class 1 or 2 TH3 gas filter class 1 or 2	10 20 40	5 20 100	For devices with combined filter apply the relevant limitations of gas and particle filters.
Device with combined filter	The specified multiples of threshold value for the gas or particle filters are given separately, but in all cases the lowest value applies.		

*) Provided that the maximum permissible detrimental gas concentration for the gas filter is not exceeded. For power-assisted filtering devices with gas filter, concentration must not exceed 0.05 vol.% in gas filter class 1 and 0.1 vol.% in gas filter class 2 and 0.5 vol.% in gas filter class 3.

**) If national guidelines exist: in all cases the lowest value applies.

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