

Product leaflet

Product Half mask	Model No. SR 900 S, M, L	Ordering No. H01-3012, H01-3112, H01-3212
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Product Description

The SR 900 half mask is made of thermoplastic elastomer (TPE) and polypropylene (PP) in three sizes, S, M and L. The mask is equipped with two exhalation valves, which ensures very low exhalation resistance. The valve covers with partitions effectively protect the exhalation membrane against dust and paint mist. The material and pigment of the mask body are approved by FDA for foods, which minimizes the risk of contact allergies.

The easily adjustable elastic head harness straps of the mask are designed as a V-shaped loop and have a large dished crown plate, which contributes towards a comfortable and safe fit.

The half mask SR 900 is used in combination with:

- Filters from the Sundström range.
- Remote filter holder SR 905 according EN 12083.
- The SR 307 or SR 507 compressed air attachment which then serves as a breathing apparatus with continuous flow for connection to a compressed air supply according EN 14594:2005.
- The fan unit SR 500/SR 700 and approved filters included in the Sundström fanassisted respiratory protective device system conforming to EN 12942:1998.

A pre-filter holder is supplied.

Best stored in box SR 230 or storage case SR 339.

Technical specification

	SR 900	EN 140:1998
Inhalation resistance at 30 l/min	≈ 3 Pa	≤ 50 Pa
Exhalation resistance at 160 l/min	≈ 70 Pa	≤ 300 Pa
Service temperature	-10 – +55 °C, < 90 % RH	-
Storage temperature	-20 – +40 °C, < 90 % RH	-
Weight	S = 132 g M = 136 g L = 138 g	-
Assigned Protection Factor¹	20 (P3) 10 (GasX) 10 (GasX P3)	-
Nominal Protection Factor²	48 (P3) 50 (GasX) 48 (GasX P3)	-
Approval	EN 140:1998	-

1) Specified in BS 4275, and applies generally to all half masks with particle filters P3, regardless of the test results.

2) According to EN 529:2005.



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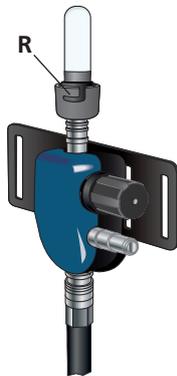
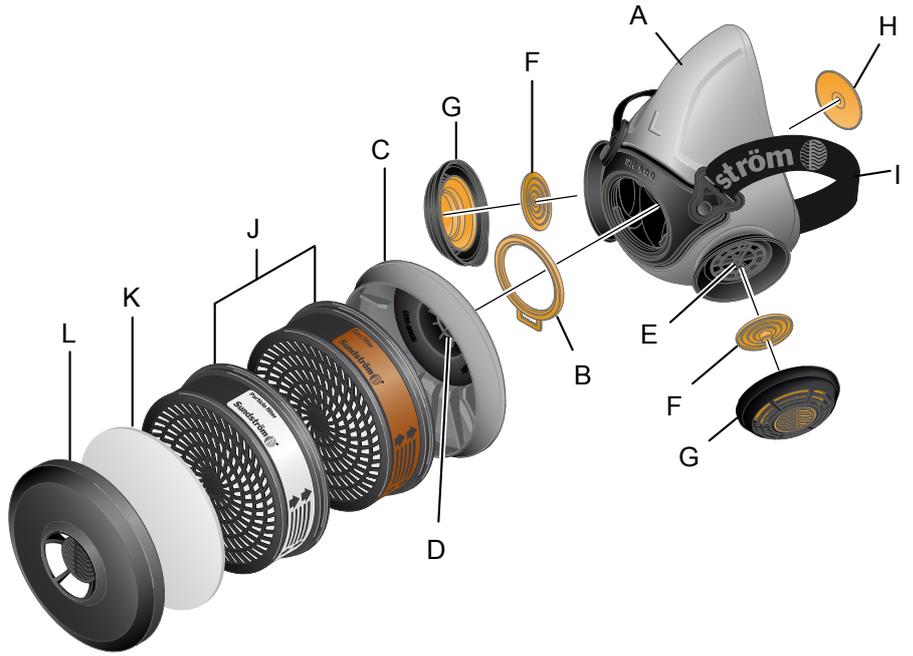
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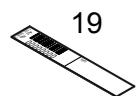
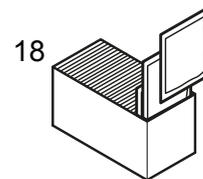
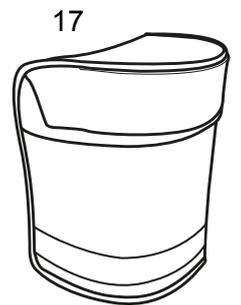
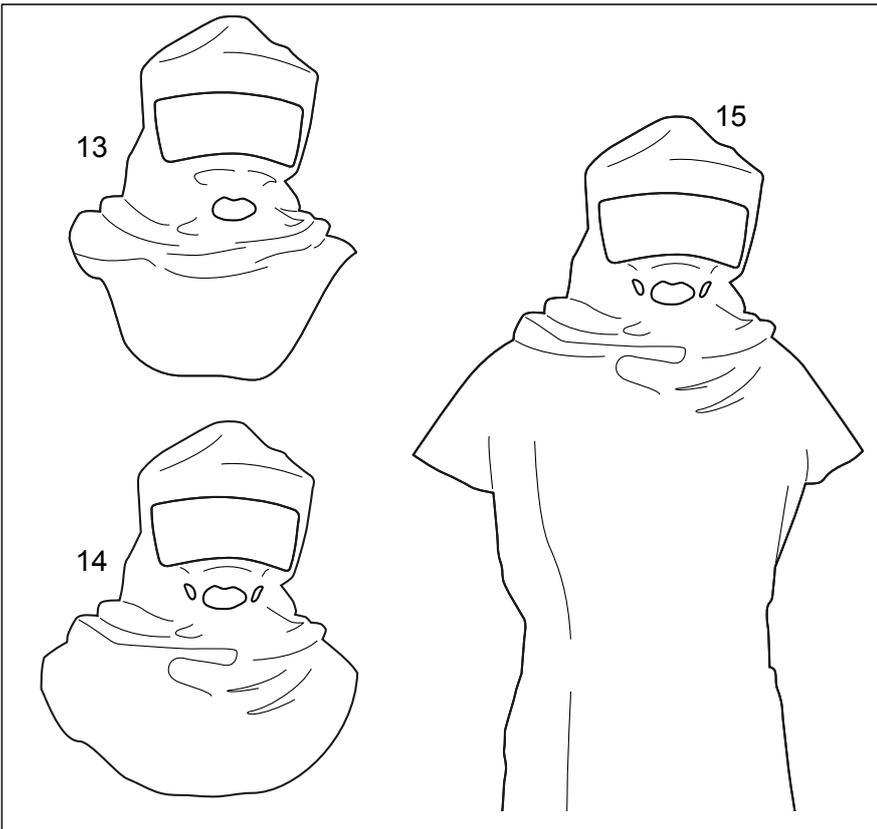
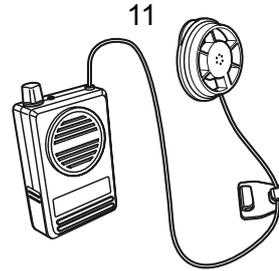
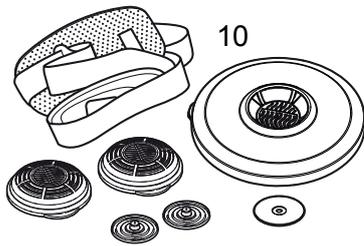
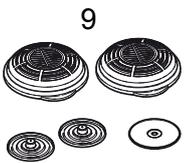
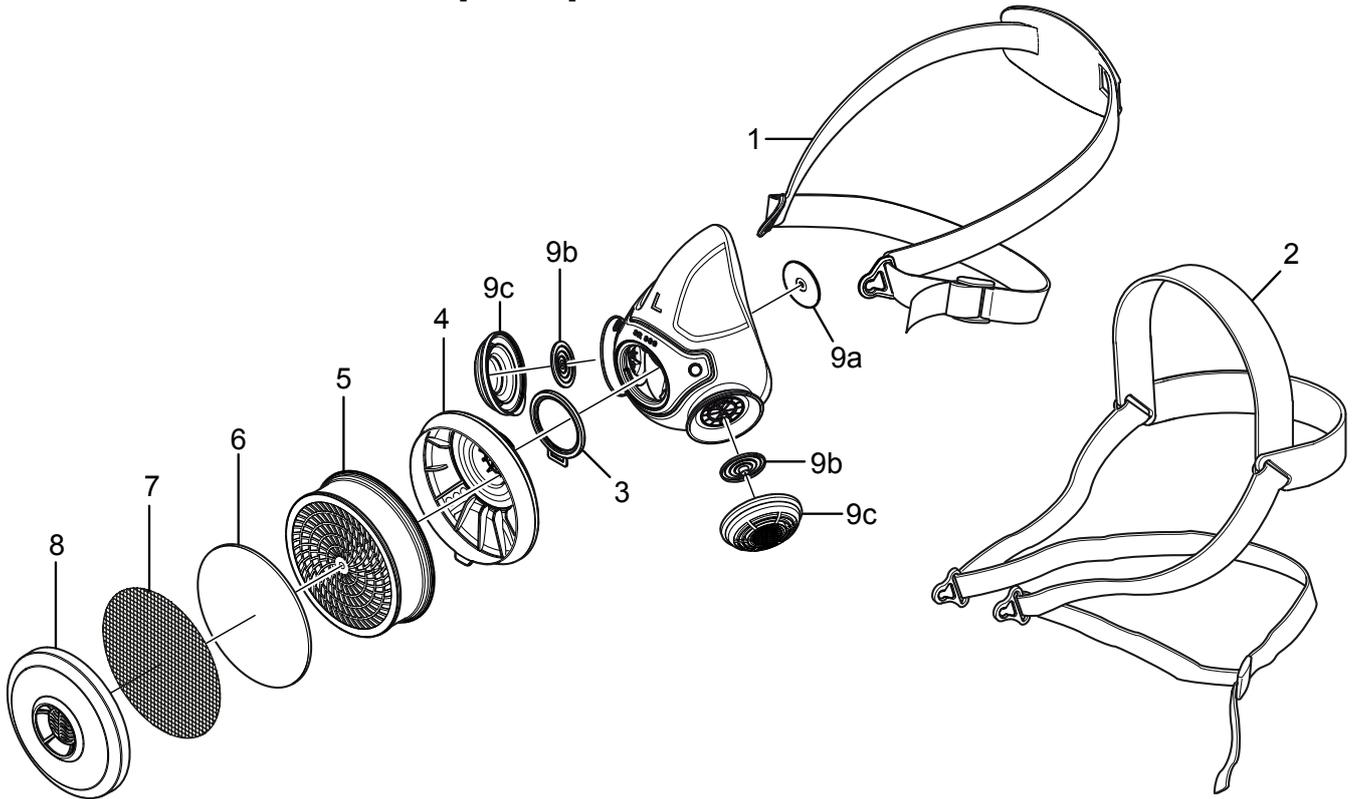
- A. Mask body
- B. Gasket
- C. Filter holder
- D. Inhalation valve seat
- E. Exhalation valve seat
- F. Exhalation membrane
- G. Protective cap
- H. Inhalation membrane
- I. Head harness straps
- J. Filters (not included)
- K. Pre-filter
- L. Pre-filter holder
- M. Hose SR 951
- N. Twin hose SR 952
- O. Fan unit SR 500
- P. Fan unit SR 700
- Q. Remote filter holder SR 905
- R. Compressed air attachment SR 507
- S. Compressed air attachment SR 307



SR 900

EN

Spare parts / Accessories



No.	Description	Ordering No.
1.	Head harness, single strap	R01-3001
2.	Head harness, cradle strap	R01-3002
3.	Gasket	R01-3004
4.	Filter holder	R01-3003
5.	Particle filter P3 R, SR 510	H02-1312
	Gas filter	
	A1, SR 217	H02-2512
	A2, SR 218	H02-2012
	AX, SR 298	H02-2412
	ABE1, SR 315	H02-3212
	ABE2, SR 294	H02-3312
	K1, SR 316	H02-4212
	K2, SR 295	H02-4312
	ABEK1, SR 297	H02-5312
	Combined filter ABEK1-Hg-P3 R, SR 299-2	H02-6512
6.	Pre-filter, SR 221	H02-0312
7.	Steel net disc	T01-2001
8.	Pre-filter holder	R01-0605
9.	Membrane kit SR 369	R01-2004
9a.	Inhalation membrane x1	-
9b.	Exhalation membrane x2	-
9c.	Protective cap x2	-
10.	Service kit	R01-3005
1.	Head harness	
9.	Membrane kit	
8.	Pre-filter holder	
11.	Small talk/Voice amplifier SR 324	T01-1217
12.	Test adapter SR 328	T01-1202
13.	Protective hood, Tyvek, SR 64	H09-0301
14.	Protective hood, PVC, SR 345	H09-1012
15.	Protective hood, PVC, SR 346	H09-1112
16.	Storage box SR 230	H09-3012
17.	Storage bag SR 339	H09-0112
18.	Cleaning tissue SR 5226. Box of 50	H09-0401
19.	ID-tag	R09-0101
20.	Plastic storage bag, 50pcs	R01-0607

Product leaflet

Product
Pre-filter

Model No.
SR 221

Ordering No.
H02-0312

Product Description

Pre-filter SR 221 is a disc that is meant to catch coarse particles and by that extend the lifetime of the particle filters SR 510 P3 R and SR 710 P3 R, combined filter SR 299-2 ABEK1-Hg-P3 R and SR 599 A1BE2K1-Hg-P3 R.

The pre-filter is placed in the pre-filter holder and then snapped on to the particle filter or combined filter.

Technical specification

SR 221	
Material	Polyester
Thickness	1 mm
Diameter	102 mm
Weight	1.1 g
Pressure drop at 30 l/min	2 Pa
Approval	CE Category 1



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Product leaflet

Product
Particle filter P3 R

Model No.
SR 510

Ordering No.
H02-1312

Product Description

The SR 510, P3 R* particle filter is designed for use in Sundström half masks, full face masks and the SR 500/ SR 500 EX/SR 700 fan. The filter provides protection against all types of particulate pollutants. The particle filter can easily be combined with gas filters from the Sundström filter range in order to provide protection also against gases and vapours, e.g. during spray painting. The particle filter should be combined with pre-filter SR 221, which will thereby extend the life of the particle filter.

The SR 500/SR 500 EX fan should always be used with two particle filters or two combined filters consisting of gas filters and particle filters.

*R (Re-useable): The filter is intended to be used for more than a single shift.

Overview of particle filter

Model	Application
SR 510	SR 90-3, SR 100, SR 200, SR 900. Fan SR 500/SR 500 EX/SR 700
SR 710	Fan SR 500/SR 500 EX/SR 700

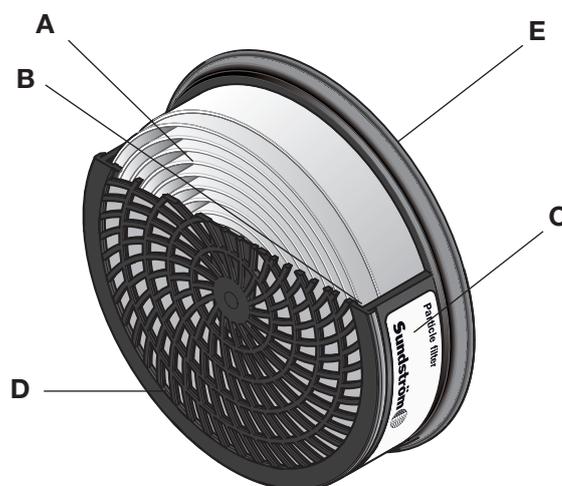
See separate product leaflets.

Technical specification

	SR 510	EN 143:2000	EN 12941:1998	EN 12942:1998
Pressure drop at 30 l/min.	≈ 40 Pa	≤ 120 Pa	-	-
Pressure drop at 95 l/min.	≈ 120 Pa	≤ 420 Pa	-	-
Diameter/height	107/31 mm	-	-	-
Weight	≈ 44 g	≤ 300 g	-	-
Service temperature	-10 – +55 °C, < 90 % RH	-	-	-
Storage temperature	-20 – +40 °C, < 90 % RH	-	-	-
Filtration efficiency, paraffin oil	> 99.997 %	≥ 99.95 %	≥ 99.80 %	≥ 99.95 %

Approvals
EN 143:2000,
EN 12941/12942:1998

- A. Filter medium
- B. Hot-melt adhesive
- C. Marking label
- D. Filter case
- E. Gasket



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