

# Product leaflet

## Product

Powered air purifying particle filter respirator SR 700

## Model No.

SR 700

## Ordering No.

H06-7010

## Product Description

The SR 700 is a battery-powered fan that, together with particle filter SR 510 P3 R or SR 710 P3 R and an approved head top, is included in the Sundström fan-assisted respiratory protective device systems. The SR 700 can be used as an alternative to filter respirators in all situations in which these are recommended. This applies particularly to work that is hard, warm or of long duration.

The fan is equipped with filter, and the filtered air is fed through a hose to the human interface. The pressure then generated prevents surrounding pollutants from penetrating into the mask.

### The characteristics of the SR 700 are as follows:

The battery is of lithium-ion type • The charging time is around 2 hours • Equipped with two particle filters • Operating time of up to 8 hours • The same control is used for starting, stopping and selection of operating status • Display with symbols • Alarm with audible/visual signals if the air flow is obstructed • Equipped with automatic air flow control • Can be used together with hoods SR 520, SR 530, SR 561, SR 562, face shield SR 540, half mask SR 900, full face mask SR 200, welding shield SR 590, helmet with visor SR 580 and welding shield/helmet with visor SR 584/SR 580.

Electronics ingress protection is approved in IP class IP67 according to IEC / EN 60529.

## Technical specification

	SR 700	EN 12941:1998	EN12942:1998
Air flow, min/max	175 - 225 l/min	≥ 120 l/min	-
Battery	14.8 V 2.2 Ah	-	-
Operating times at 175/225 l/min:	7 h (6 h <sup>3</sup> )/5 h (4 h <sup>3</sup> )	≥ 4 h	≥ 4 h
Weight with battery and P3 filter	≈ 1,100 g	≤ 3,500 g	≤ 3,500 g
Service temperature	-10 – +55 °C, < 90 % RH	-	-
Storage temperature	-20 – +40 °C, < 90 % RH	-	-
Low flow warning level	< 175 l/min	≤ 175 l/min	≤ 175 l/min
Assigned Protection Factor <sup>1</sup> : SR 520, SR 530, SR 540, SR 561/562, SR 580, SR 584, SR 590	40 (TH3)	-	-
Assigned Protection Factor <sup>1</sup> SR 200, SR 900	40 (TM3)	-	-
Nominal Protection Factor <sup>2</sup> SR 520, SR 530, SR 540, SR 561/562, SR 580, SR 584, SR 590	500 (TH3)	-	-
Nominal Protection Factor <sup>2</sup> SR 200, SR 900	2000 (TM3)	-	-
Approvals	EN 12941:1998 + A2:2008 EN 12942:1998 + A2:2008	-	-

1) Specified in BS 4275 and applies generally to all approved fan-assisted respiratory protective devices, regardless of the test results.

2) According to EN 529:2005.

3) SR 900 + SR 951/SR 952.



### Head Office

Tel: +46 10 484 87 00

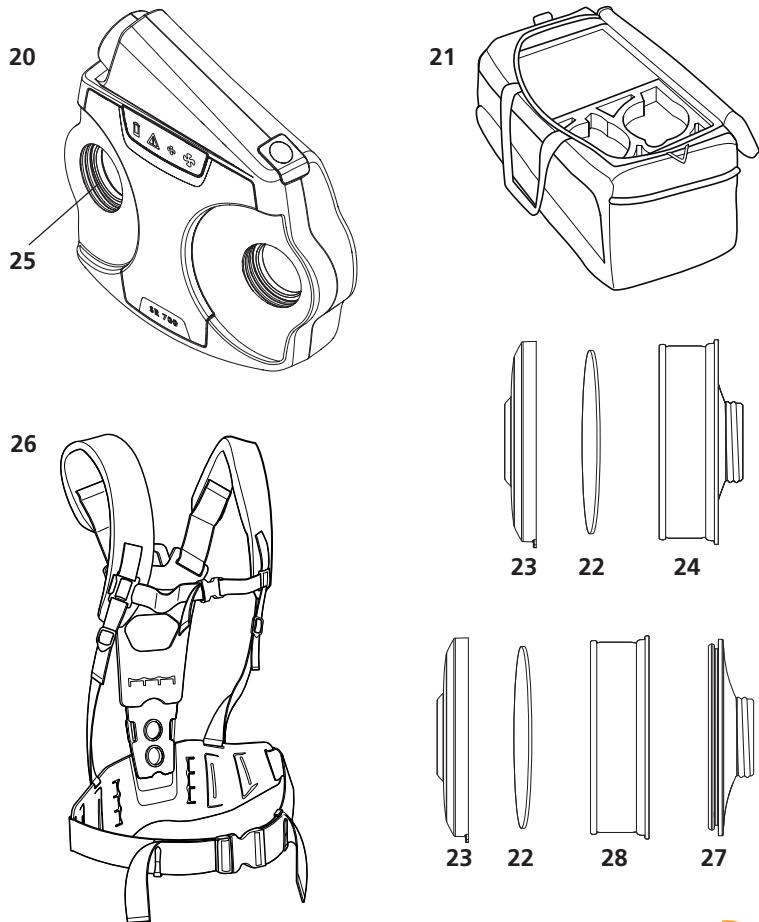
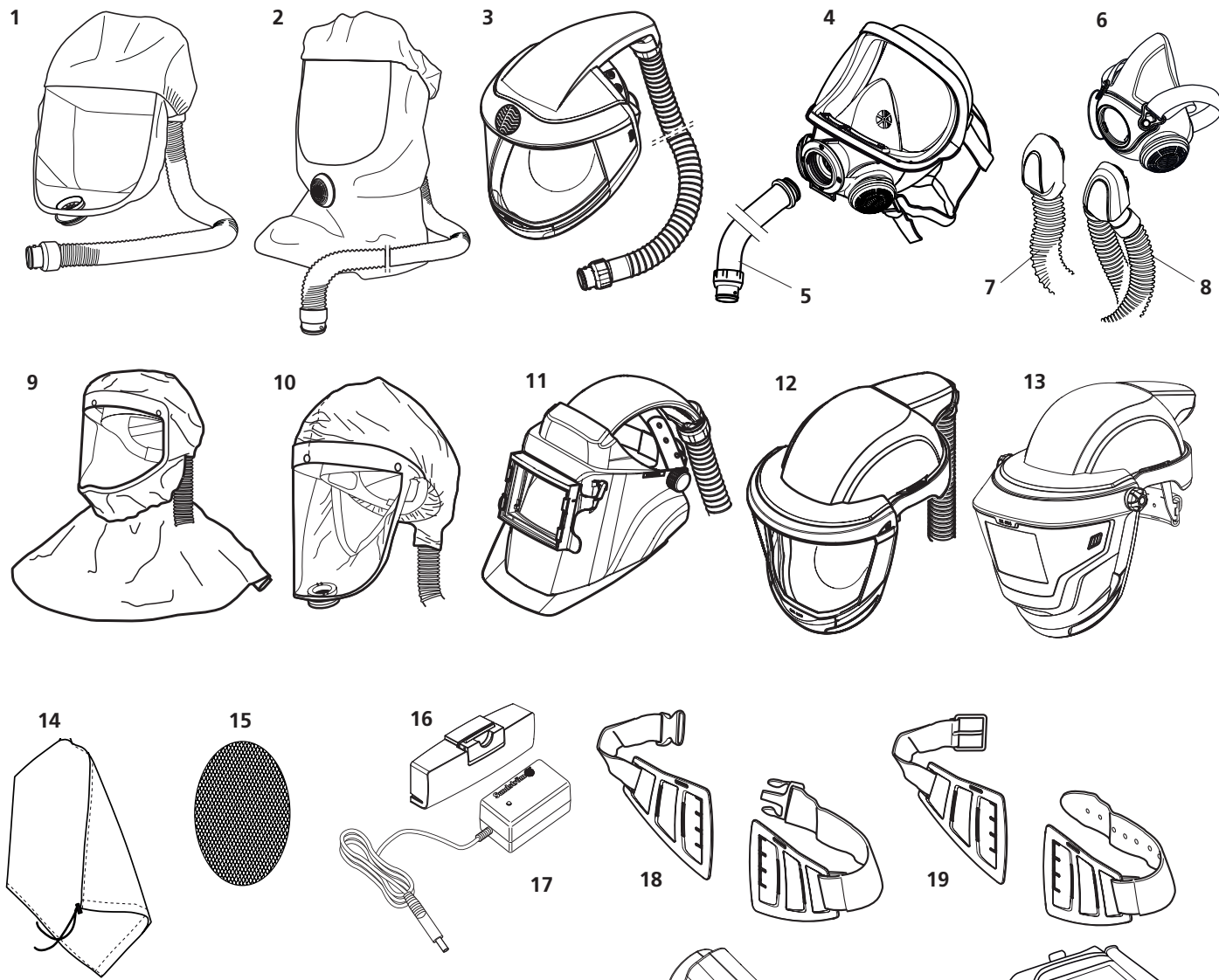
Visiting address:  
Stockholmsvägen 33  
SE-181 33 Lidingö

### Factory

Tel: +46 10 484 87 00

Visiting address:  
Västergatan 4  
SE-341 50 Lagan

**Sundström**   
www.srsafety.com



**SR 700, head-tops, spare parts and accessories**

**Item**

No.	Part	Ordering No.
1.	Hood SR 520 M/L	H06-0212
1.	Hood SR 520 S/M	H06-0312
2.	Hood SR 530	H06-0412
3.	Face shield SR 540	H06-0512
4.	Full face mask SR 200, PC visor	H01-1212
4.	Full face mask SR 200, glass visor	H01-1312
5.	PU hose SR 550 for SR 200	T01-1216
5.	Rubber hose SR 551 for SR 200	T01-1218
6.	SR 900 S	H01-3012
6.	SR 900 M	H01-3112
6.	SR 900 L	H01-3212
7.	Hose SR 951	T01-3003
8.	Twin hose SR 952	R01-3009
9.	Hood SR 561	H06-5012
10.	Hood SR 562	H06-5112
11.	Welding shield SR 590	H06-4012
12.	Helmet with visor SR 580	H06-0812
13.	Welding shield/Helmet with visor SR 584/SR 580	H06-8310
14.	Flow meter SR 356	R03-0346
15.	Steel net disc SR 336	T01-2001
16.	Battery SR 701, 2,2 Ah	R06-0708
17.	Battery charger SR 713	R06-0706
18.	Belt SR 508	R06-0101
18.	Rubber belt SR 504	T06-0104
19.	Leather belt SR 503	T06-0103
20.	Fan SR 700, bare	R06-0710
21.	Storage bag SR 505 w two compartments	T06-0102
22.	Pre-filter SR 221	H02-0312
23.	Pre-filter holder	R01-0605
24.	Particle filter P3 R, SR 710	H02-1512
25.	Gasket for fan	R06-0107
26.	Harness	T06-0116
27.	Filter adapter	R06-0701
28.	Particle filter P3 R, SR 510	H02-1312