

Product leaflet

Product

Powered Air-Purifying Respirator (PAPR) SR 700

Model No.

SR 700

Ordering No.

H06-7021

Product Description

The SR 700 system is a belt mounted Powered Air-Purifying Respirator (PAPR) with tight fitting face pieces or loose fitting respirators that protects against particulates. It is designed to be used in oxygen sufficient and non-immediately dangerous to life and health (IDLH) environments. The SR 700 PAPR system functions as an alternative to Air Purifying Respirators (APR) in all situations for which these are recommended. This applies particularly to work that is hard, warm or of long-duration. The filtered air is supplied through a breathing hose to the tight fitting face pieces or loose fitting respirators. The above-atmospheric pressure then generated prevents pollutants from the surroundings from penetrating into the breathing zone.

The characteristics of the SR 700 are as follows:

The battery is of lithium-ion type 3.5 Ah • Charging time around 3 hours • Battery capacity indicator • Equipped with two particulate 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 full face mask.

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

Technical specification

	SR 700	42 CFR part 84 Full facepiece	42 CFR part 84 Loose-fitting facepiece
Air flow, min/max	6.2 CFM (175 l/min) - 7.9 CFM (225 l/min)	4.1 CFM (115 l/min)	6.0 CFM (170 l/min)
Battery	14.4 V, 3.5 Ah	-	-
Operating times at 6.2 CFM / 7.9 CFM:			
P100 filter	8 h/5.5 h	≥ 4 h	≥ 4 h
Weight with P100 filter	≈ 39 Ounce (1.100 g)	-	-
Service temperature	14 to 131 °F (-10 to +55 °C), < 90 % RH	-	-
Storage temperature	4 to 104 °F (-20 to +40 °C), < 90 % RH	-	-
Low flow warning level	6.2 CFM (175 l/min)	-	-
Protection factors¹: SR 570, SR 570/SR 574	25	-	-
Protection factors²: SR 580, SR 601	1000	-	-
Protection factors¹: SR 200	1000	-	-
Approvals	NIOSH 42 CFR part 84	-	-

1) Specified by OSHA and applies generally to all full facepieces and loose-fitting facepieces together with Powered Air-Purifying Respirator (PAPR) when the employer implements a continuing, effective respirator program as required by this section (29 CFR 1910.134)

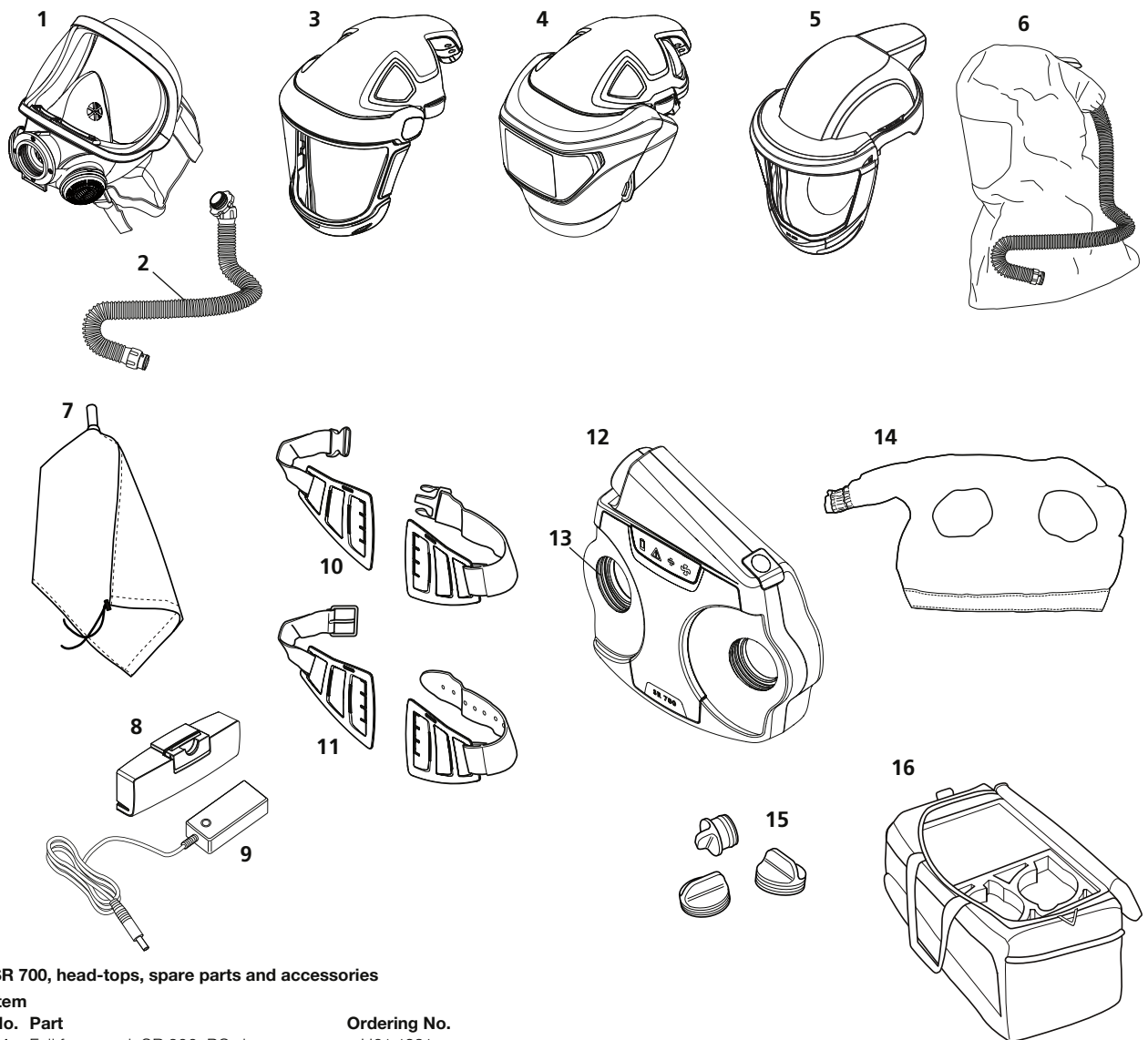
2) APF (Assigned Protection Factor) documented in third party studies, according to OSHA 29 CFR 1910.134 and 3352-02-2009.



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SR 700, head-tops, spare parts and accessories

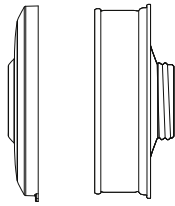
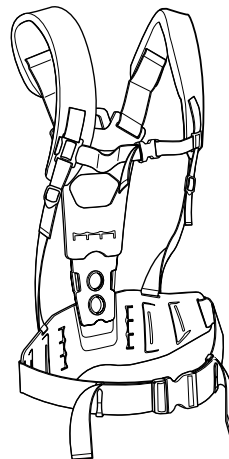
Item

No. Part

Ordering No.

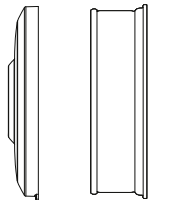
1.	Full face mask SR 200, PC visor	H01-1221
1.	Full face mask SR 200, glass visor	H01-1321
2.	PU hose SR 550 for SR 200	T01-1216
2.	Rubber hose SR 551 for SR 200	T01-1218
3.	Face shield SR 570	H06-6521
4.	Face shield/Welding shield SR 570/SR 574	H06-6121
5.	Helmet with visor SR 580	H06-8021
6.	Hood SR 601	H06-5421
7.	Flow meter SR 356	R03-0346
8.	Battery HD, SR 702, 3.5 Ah	T06-0701
9.	Battery charger	R06-0437
10.	Belt SR 508	R06-0101
10.	Rubber belt SR 504	T06-0104
10.	PVC belt	T06-0124
11.	Leather belt SR 503	T06-0103
11.	Leather belt SR 503, large	T06-0107
12.	PAPR SR 700, bare	R06-0721
13.	Gasket for PAPR	R06-0107
14.	Splash cover SR 514	T06-0114
15.	Plug kit	R06-0703
16.	Storage bag SR 505 w two compartments	T06-0102
17.	Harness SR 552	T06-0116
18.	Pre-filter holder	R01-0605
19.	Particulate filter HE, SR 710	H02-1521
20.	Particulate filter P100/HE, SR 510	H02-1321
21.	Filter adapter SR 711	R06-0701

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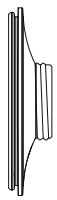
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