

Product leaflet

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|---|------------------|---------------------|
| Product | Model No. | Ordering No. |
| Powered Air-Purifying Respirator (PAPR) | SR 700 | 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 factors²: SR 580 | 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.

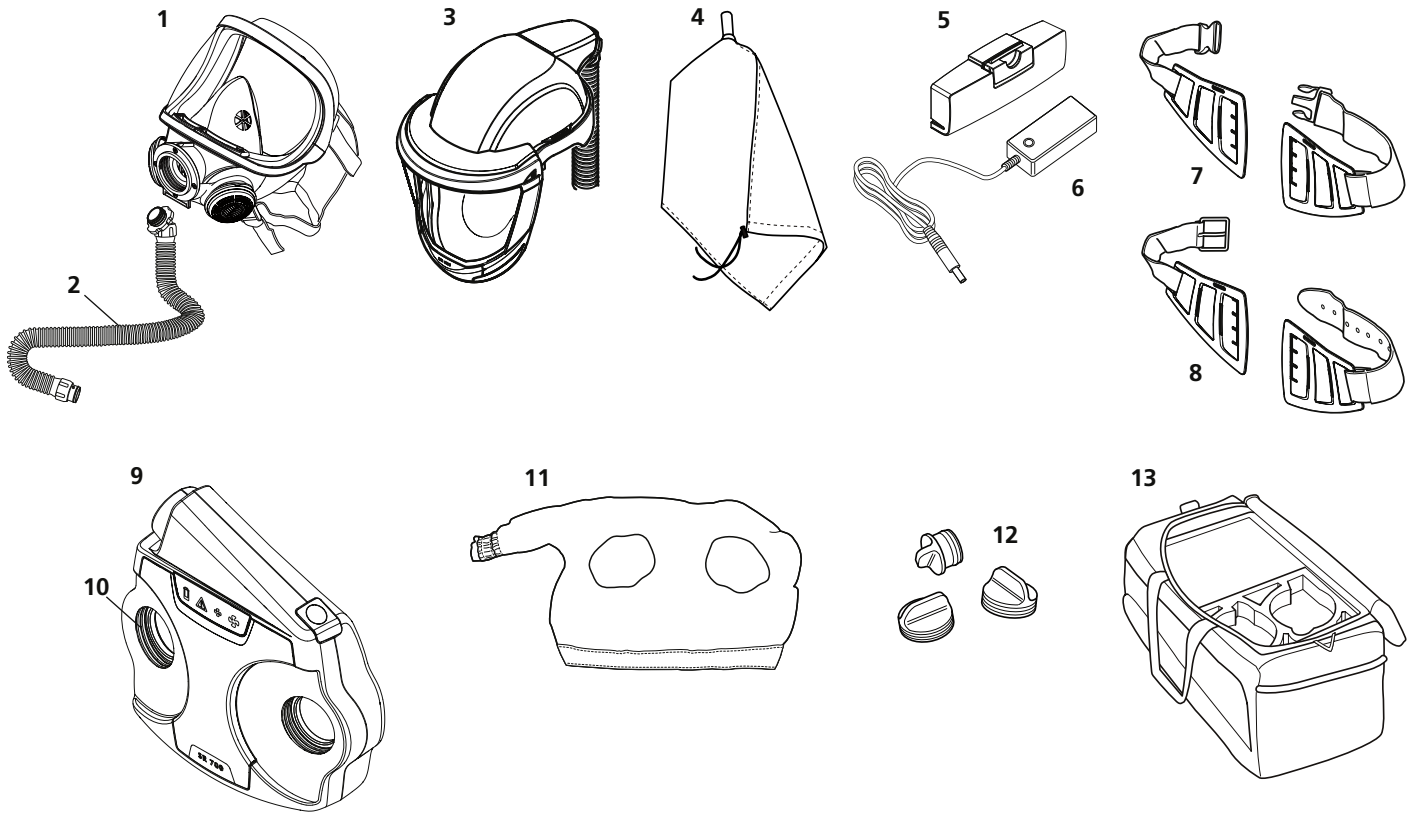


Sundstrom Safety Inc.

143 Maple St.
Warwick, RI 02888

Office: 1-401-434-7300
Toll Free: 1-877-SUNDSTROM
Fax: 1-401-434-8300
info@srsafety.com
www.srsafety.com

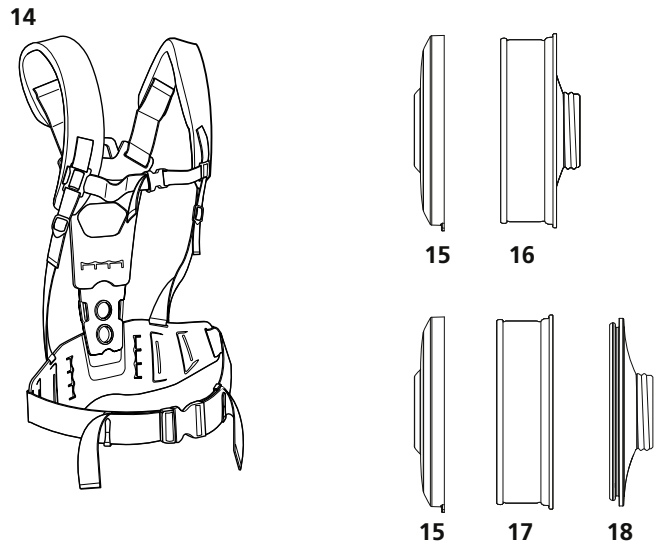
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SR 700, head-tops, spare parts and accessories

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. Helmet with visor SR 580 | H06-8021 |
| 4. Flow meter SR 356 | R03-0346 |
| 5. Battery HD, SR 702, 3.5 Ah | T06-0701 |
| 6. Battery charger | R06-0437 |
| 7. Belt SR 508 | R06-0101 |
| 7. Rubber belt SR 504 | T06-0104 |
| 7. PVC belt | T06-0124 |
| 8. Leather belt SR 503 | T06-0103 |
| 8. Leather belt SR 503, large | T06-0107 |
| 9. PAPR SR 700, bare | R06-0721 |
| 10. Gasket for PAPR | R06-0107 |
| 11. Splash cover SR 514 | T06-0114 |
| 12. Plug kit | R06-0703 |
| 13. Storage bag SR 505 w two compartments | T06-0102 |
| 14. Harness SR 552 | T06-0116 |
| 15. Pre-filter holder | R01-0605 |
| 16. Particulate filter HE, SR 710 | H02-1521 |
| 17. Particulate filter P100/HE, SR 510 | H02-1321 |
| 18. Filter adapter SR 711 | R06-0701 |



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