

# Product leaflet

## Product

Welding shield/Helmet with visor

## Model No.

SR 584/SR 580

## Ordering No.

H06-8310

## Product Description

The SR 584 welding shield is intended for use together with the Sundström SR 580 Helmet with visor. Complete helmet with welding shield together with the battery-powered SR 500 or SR 700 fan and approved filters are included in the Sundström fan-assisted respiratory protection device systems. The breathing hose of the helmet with visor is to be connected to the fan, equipped with filters. The overpressure in the helmet's visor prevents particles and other pollutants from being admitted into the breathing zone.

The products can also be used with compressed air attachment SR 507. This combination forms a breathing apparatus designed for continuous air flow, for connection to a compressed air supply. See separate product leaflet SR 507.

The combinations protect against harmful gases/particles, radiation and spatter during welding, flame-cutting, grinding and similar work. The design makes them useful for work in confined and inaccessible areas.

The equipment can be used as an alternative to filter respirators in all situations for which filter respirators are recommended. This applies particularly to work that is hard, warm or of long duration.

Before use, a welding lens with appropriate density must be mounted in the welding shield. The SR 584 is delivered with welding lens with shade number 10 and protective lens in polycarbonate. The lens must be CE marked and of standard 90x110 mm size.

Accessories in the form of automatic welding lenses, correction lenses, neck and chest protection and hose protection.

### The SR 584/SR 580 is characterized by the following:

Protects the eyes, respiratory organs and the head • Hinged visor unit • The supply air keeps the visor demisted • Adjustable head harness • Replaceable flexible breathing hose • Accessories in the form of automatic welding lenses, correction lenses, neck and chest protection and hose protection • Supplied with welding lens with shade number 10 • Equipped with an exhalation valve • Standard fastener for hearing protection • The helmet is approved according to EN 397, -30°C, molten metal splash MM and electrical insulation 440Vac

- A. SR 584 Welding shield
- B. Protective lens
- C. Welding lens, shade No. 10
- D. Holder protective lens
- E. SR 580 Helmet with visor
- F. Hearing protectors
- G. SR 500 Fan unit
- H. SR 700 Fan unit
- I. SR 507 Compressed air attachment



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## Technical specification

	SR 584/SR 580+ SR 500/SR 700	EN 12941:1998 + A2:2008	SR 584/SR 580+ SR 507	EN 14594: 2005
<b>Material SR 584</b>	PA/EPDM		PA/EPDM	
<b>Working pressure</b>	-	-	5-7 bar	≤ 10 bar
<b>Air flow rate</b>	175-240 l/min (SR 500) 175-225 l/min (SR 700)	≥ 120 l/min	175-260 l/min	175-260 l/min
<b>Service temperature</b>	-10 – +55 °C, < 90 % RH	-	-10 – +55 °C, < 90 % RH	-
<b>Storage temperature</b>	-20 – +40 °C, < 90 % RH	-	-20 – +40 °C, < 90 % RH	-
<b>Low flow warning level</b>	< 175 l/min	≤ 175 l/min	< 175 l/min	≤ 175 l/min
<b>Weight with breathing hose</b>	1390 g	≤ 1 500 g	1390 g	≤ 1 500 g
<b>Welding lenses</b>	110x90 mm. EN 8 to EN 13	-	110x90 mm. EN 8 to EN 13	-
<b>Automatic welding lenses</b>	Solar cell powered EN 3/10, EN 3/11 and EN 4/9 - 13	-	Solar cell powered EN 3/10, EN 3/11 and EN 4/9 - 13	-
<b>Correction lenses</b>	108x51 mm, 1 - 2,5 dptr	-	108x51 mm, 1 - 2,5 dptr	-
<b>Protective lens</b>	PC, 110x90 mm	-	PC, 110x90 mm	-
<b>Assigned Protection Factor<sup>1</sup></b>	40 (TH3)	-	40 (3A,3B)	-
<b>Nominal Protection Factor<sup>2</sup></b>	500 (TH3)	-	200 (3A,3B)	-
<b>Approvals</b>	EN 12941:1998 + A2:2008, EN 166, EN 397, EN 175:1998	-	EN 14594:2005, 3A3B, EN 166, EN 397, EN 175:1998	-

1) Specified in BS EN 529 and applies regardless of the test results.

2) According to EN 529:2005.

### Approved hearing protectors according to EN 352-3 to SR 580:

Zekler 401H  
402H  
403H



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