

# Product leaflet

**Product**  
Welding shield

**Model No.**  
SR 592

**Ordering No.**  
H06-4412

## Product Description

A SR 592 welding shield is designed to provide protection in arc welding, MIG, MAG and TIG welding, and plasma cutting. The shield protects the eyes, head and neck of the welder against radiation from the arc, environmental radiation and welding spatter. The SR 592 welding shield is included together with the battery-driven SR 500 or SR 700 fan and approved filters in a Sundström fan-assisted respiratory protective device. The filtered air blown into the shield pressurizes the shield and prevents contaminated surrounding air from reaching the user.

The equipment can be used as an alternative to filter protections in all situations in which the latter are recommended.

This applies particularly to situations in which the work is intensive, hot or of long duration.

### The characteristics of the SR 592 welding shield are as follows:

Protects the eyes and respiratory organs • The supply air keeps the visor demisted • Adjustable head harness • Adjustable face seal • Replaceable, flexible breathing hose • Accessories in the form of welding filters and correction lenses • Welding hood as an accessory • Tested and approved against high speed particles 45 m/s.

## Technical specification

	SR 592+SR 500/SR 700	EN 12941:1998 + A2:2008
<b>Working pressure</b>	-	-
<b>Air flow rate</b>	175-240 l/min (SR 500) 175-225 l/min (SR 700)	≥ 120 l/min
<b>Service temperature</b>	-10 – +55 °C, < 90 % RH	-
<b>Storage temperature</b>	-20 – +40 °C, < 90 % RH	-
<b>Low flow warning level</b>	< 175 l/min	≤ 175 l/min
<b>Weight with hose</b>	≈ 1 000 g	≤ 1 500 g
<b>Welding filter</b>	110x90 mm. EN 8 to EN 13	-
<b>Welding filter</b>	Solar cell powered. EN 3/10, EN 3/11, EN 4/5 - 13 and EN 4/9 - 13	-
<b>Protective lens</b>	PC, 110x90 mm	-
<b>Correction lenses</b>	108x51 mm, 1 – 2,5 dptr	-
<b>Assigned Protection Factor<sup>1</sup></b>	40 (TH3)	-
<b>Nominal Protection Factor<sup>2</sup></b>	500 (TH3)	-
<b>Approvals</b>	EN 12941:1998 + A2:2008 EN 175:1997 + A1:1998	-

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.



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