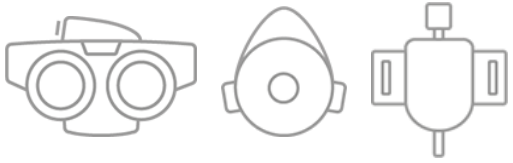


## Operation instruction

# SR 591

## Welding Shield



## General information

Instructions for use for SR 591 should be read before use.

The Sundström SR 591 welding shields are intended for use individually or together with the Sundström SR 900-system.

The welding shields are designed specifically for protection against radiation and spatter during welding, flame-cutting and similar work

When selecting equipment for SR 591 some of the factors that should be considered are as follows:

- Type of pollutant
- Concentrations
- Work intensity
- Protection requirements in addition to respiratory protective advice.

Risk analysis should be carried by a person who has suitable training and experience in the area.

## Unpacking SR 591



### Packing list:

- Welding shield
- User instruction
- Cleaning tissue

# 1. Adjust the head harness



**1.1 Height adjustment.**  
How high the welding shield sits on the head.



**1.2 How high the welding shield sits on the head.**  
The angle against the shield.



**1.3 Space adjustment between shield and head harness.**  
The space to the shield.



**1.4 Width adjustment of the head harness.**  
Adjustment of the width of the head harness.

## 2. Putting the welding shield on



**2.1** Raise the visor and put the welding shield on.

Adjustment of the circumference of the head harness by means of the knob at the rear of the head harness.



**2.2** Lower the visor

### 3. Change the welding filter



**3.1** Loosen the screw in the holder for the welding filter.



**3.2** Release the holder for the welding filter.



**3.3** Fit the welding filter.  
Fit the holder.  
Tighten the screw

## 4. Change the inner protective lens



4.1 Loosen the screw in the holder for the welding filter.



4.2 Release the holder for the welding filter.



4.3 Fit the new inner protective lens on the inside of the welding filter.



4.4 Fit the protective lens.  
Fit the holder.  
Tighten the screw.

## 5. Change the correction lens



**5.1** Loosen the screw in the holder for the welding filter.



**5.2** Release the holder for the welding filter.



**5.3** Fit the new correction lens on the inside of the welding filter.



**5.4** Fit the correction lens.  
Fit the holder.  
Tighten the screw.



## 6. Change the outer protective lens



**6.1** Loosen the screw in the holder for the welding filter.



**6.2** Release the holder for the welding filter.



**6.3** Release and remove the outer protective lens



**6.4** Fit the protective lens.  
Fit the holder.  
Tighten the screw.

## 7. Change the sweatband



7.1 Remove the sweatband



7.3



7.2 Fit the sweatband on the head harness.



7.4

## 8. Change the head harness



**8.1** Remove the head harness from the welding shield by releasing the two fixing points



**8.2** Fit a new sweatband  
See *Change the sweatband*.  
Secure the two fixing points of the head harness.

**8.3** Check that the head harness is locked in the fixing points of the welding shield.

## 9. Cleaning

If the equipment is more heavily fouled, the sweatband can be washed with a mild soap solution.

If necessary, spray the face shield with 70 % ethanol or isopropanol solution for disinfection

**NOTE! Never use solvents for cleaning**



**9.1** Sundström cleaning tissues SR 5226 are recommended for daily care.



**9.2** Wipe the plastic protective lens carefully, since they are sensitive to scratching. Automatic welding filters are very sensitive to moisture. Use only a dry polishing cloth.

## 10. Maintenance schedule

	Before use	After use	Annually
Visual inspection	•	•	•
Cleaning		•	•

**10.1** Recommended minimum requirements on maintenance routines so you will be certain that the equipment will always be in usable condition.