

Operating instructions

SR 905

Remote filter holder



General information

Before use, both the user instruction and those for the half mask, the breathing hose and the filters must be carefully studied.

The SR 905 is a remote filter holder that, together with half mask and breathing hose, is included in the Sundström respiratory protective device systems conforming to EN 12083:1998.

The remote filter holder is to be equipped with filter(s). The air is inhaled through the filter and breathing hose to the half mask.

The SR 905 is intended to be used in the same environments as a Sundström half mask SR 900.

A remote filter holder shall be used only together with a facepiece having one or more inhalation valves.

Note that there can be national differences in the regulations for use of respiratory protective equipment.

Unpacking SR 905



Packing list:

- Remote filter holder
- Belt attachment
- Cleaning tissue
- User instruction

1. Assembly

1.1 Detach the filter holder from half mask SR 900 by turning the filter holder $\frac{1}{4}$ of a turn.



1.2 Remove the inhalation membrane from the filter holder. Save the membrane for future use.



1.3 Fit the filter in the filter holder so that the arrows on the filter point towards the filter holder.



Carefully check that the edge of the filter is in the internal groove of the filter mounting all around.

1.4 Fit the pre-filter in the pre-filter holder and press it into place on the filter.



2. Filter



2.1 When using both gas filter and particle filter, the particle filter shall always be snapped onto the gas filter and the gas filter shall always be inserted in the filter holder. Press the filters together with your fingers placed around the outer edges of the filters until you hear a click.

2.2 Correctly mounted gas filter, particle filter, pre-filter and pre-filter holder.



2.3 Place a coin between the lower lip of the particle filter and the small tab molded into the side of the gas filter. Push firmly and twist the coin until the filters separate.



3. Belt

3.1 Assemble the belt in the belt attachment.

Two alternatives.



3.2 Assemble the SR 905 to the belt attachment. Two alternatives.



3.3 Assemble the filter holder with filter onto the SR 905.

4. Putting the equipment on

Check that the unit is complete, correctly assembled and thoroughly cleaned.

Check all parts. Replace if worn, broken, or in other way defect.

Check that you have selected the right filter and it has been installed properly.



4.1 Take the SR 905 on and adjust the belt so that the remote filter holder is firmly and comfortably secured at the back of your waist.



4.2 Assemble the breathing hose into the half mask and turn it $\frac{1}{4}$ of a turn.



4.3 Put on the half mask.

Single hose



4.4 Make sure that the breathing hose runs along your back and is not twisted.

Twin hose



4.5 Rotate the belt around your waist so that you reach the hose connection on SR 905.

Assemble the breathing hose into SR 905.

Perform a fit check, see section 5. Fit check.

5. Fit check



5.1 Place the palm of your hand lightly over the hole on the pre-filter holder to make it tight.

Take a deep breath and hold your breath for 5 s. If the mask is tight, it will be pressed against your face.

If any leakage is detected:

- *Check that the membranes is undamaged,*
- *Check that the connection with O-ring(s) and attachment with gasket is undamaged and fits properly,*
- *Check that the hose not is twisted.*

Inadequate fit may be caused by beard growth, stubble, deep facial furrows or unusual face size.



5.2 Rotate back the belt so that the SR 905 is placed at the back of your waist.

With hose SR 951,



5.3 With hose SR 952

6. Cleaning

6.1 Remove the filter holder and the filter.



Inspect all parts and replace with new parts as necessary. Critical areas are the membranes and the connections/attachments which must have clean and undamaged contact surfaces.

If necessary, spray the SR 905 with 70 % ethanol or isopropanol solution for disinfection.

Leave the equipment to dry, and then assemble it.

NOTE! Never use solvents for cleaning.

6.2 Clean the SR 905 and all parts with Sundström cleaning tissues SR 5226. If the SR 905 is heavily soiled, use a warm (up to +40 °C), mild soap solution and a soft brush, followed by rinsing with clean water and drying in air at room temperature.



7. Maintenance schedule

	Before use	After use	Every year
Visual check	•		
Fit check	•		
Cleaning		•	•
Change membrane			•
Change gasket			•
Change filter		<i>See User instructions for filters</i>	