

DATA SHEET

Sundström SR590 supplied air welding shield



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Description:	Protective welding shield for use with SR500 and compressed air supply.
Product name:	Sundström SR590 protective supplied air welding shield
Features:	<ul style="list-style-type: none"> • Protects the respiratory organs, the face, and the crown of the head • Air flow keeps visor de-misted • Adjustable head harness and face seal • Replaceable flexible breathing hose • Mountings for yoke-type ear muffs • Supplied with shade number 10 welding lens
Air flow rate (SR500 fan):	<ul style="list-style-type: none"> • 175 l/min (normal operation) • 225 l/min (boost fan operation)
Temperature range:	<ul style="list-style-type: none"> • Operation: -10°C to +55°C (14°F to +131°F) at <90% relative humidity • Storage: -20°C to +40°C (-4°F to +104°F) at <90% relative humidity
Low flow warning:	<175 l/min
Weight with hose:	800 g (24.7 oz)
Welding lenses:	51 x 108 mm (2" x 4.25"), EN 8 to EN 13
Protective lens (inner/outer):	90 x 110 mm (3.54" x 4.33") Polycarbonate material, scratch-resistant and anti-mist treated
Protective lens (inner, for automatic welding lenses):	51 x 108 mm (2" x 4.25") Polycarbonate material, scratch-resistant and anti-mist treated
Shelf life:	5 years from date of manufacture
Accessories:	<ul style="list-style-type: none"> • Welding hood (head, neck, shoulders) • Neck cover (front and sides of neck) • Vision correction lenses (51 x 108 mm [2" x 4.25"]), 1.0, 1.5, 2.0 and 2.5 dioptres • Various shade lenses (EN8 to EN13). Supplied with shade number 10 standard lens. • Automatic welding lenses (see below)
Automatic welding lenses:	Operating on a liquid crystal optical light shutter, the lenses can adjust from EN3 or EN4 in the open shade state to EN9-13 in the closed shade state. Available in stepless or stepped shading models. The viewing area on all automatic filters is 46.5 x 95 mm (1.83" x 3.74")