

# SENTINEL™ A50 for Air

Revolutionary high performance automatic welding helmet



Years of welding have trained you to know exactly what you need in a hood: crucial comfort, large lens, and next generation technology. Every special operation needs special equipment that gets the job done, and when it comes to your helmet, SENTINEL™ is worn by the best.

- Revolutionary Shell Design. High Impact Resistance Nylon
- Halo™ Headgear. Ergonomic, infinitely-adjustable 5 point head gear provides extreme comfort and balance. Low-profile design, central pivot point allows for maximum head clearance while helmet is in the up position
- 100 x 60 mm 1/1/1/2 – 5-13 ADF
- Externally activated Grind Button. Shade 4 Grind Mode
- Colour touch screen control panel

Visit [esab.com](http://esab.com) for more information.

## Process

- Oxy-Fuel Cutting
- Plasma Cutting
- Grinding
- Welding, GMAW (MIG/MAG)
- Welding, GTAW (TIG)
- Welding, PAW - Plasma Arc Welding
- Welding, SMAW/MMA (Stick)



SENTINEL A50 Air with ESAB PAPR unit

## Specifications

Cartridge Dimensions	133 x 114 x 9 mm
Viewing Area	100 x 60 mm
Lens Shade	DIN 5-8/9-13
Power Supply	Solar cell plus battery replaceable. (2*CR2450 lithium). Alerts when low battery.
Sensors	4
Switch Time	1/25,000s. from Light to Dark
Classification	1/1/1/2
Standards	DIN plus, CE, EN175, EN 379, EN166, ANSI Z87.1, CSA Z94.3, AS/NZS 1338.1, EN12941 Class TH2 P R SL
Weight	830 g

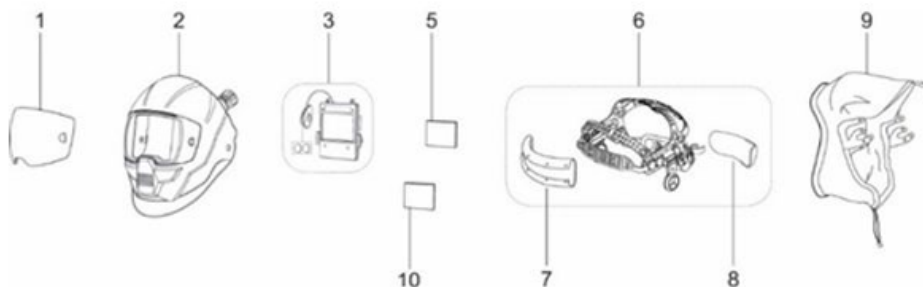
## Ordering Information

Sentinel A50 for Air Prepared for fresh air (incl. air duct and face seal)	0700000801
PAPR with Standard Hose 850 mm (33.5 in.)	0700002300
PAPR with Long Hose 1000 mm (39.4 in.)	0700002301

For additional information on PAPR units please see separate fact sheet.

## Wear and Spare Parts

1	Front Cover Lens Clear HD	0700000823
1	Front Cover Lens Amber HD	0700000824
1	Front Cover Lens Clear	0700000802
1	Front Cover Lens Amber	0700000803
2	Sentinel A50 Air shell with air duct	0700000813
3	Auto-Darkening Filter (excl. batteries)	0700000806
5	Inside Cover Lens	0700000808
6	Headgear for A50 Air (including sweatbands)	0700000805
7	Front Sweat Band	0700000810
8	Rear Sweat Band	0700000812
9	Face Seal (For A50 Air)	0700000814
10	Magnifying Glass +1.0 Diopter	0367951001
10	Magnifying Glass +1.5 Diopter	0367951002
10	Magnifying Glass +2.0 Diopter	0367951003
10	Magnifying Glass +2.5 Diopter	0367951004
	Sentinel Bandana	0700000821
	Kit Bag (empty)	0700002315



ESAB / esab.com

