



SENTINEL™ A50 Air

**NEW &
IMPROVED!**

With ESAB PAPR (Powered Air Purifying Respirator)



The ESAB PAPR (Powered Air Purifying Respirator) system combined with the ESAB welding helmets, offers heavy duty protection from welding fume and dust when welding, gouging & grinding. The unit features the latest in PCB Board technology, allowing the welder to adjust the air flow from 170 l/min to 220 l/min to suit the environment and application.

This is highlighted by an LED airflow indicator on top of the unit. The PAPR unit is equipped with audio and visual blocked filter and low battery alarms, offering extra safety for the welder. The strong physical construction of the PAPR unit also makes it extremely robust and suitable for all heavy duty welding applications.

PAPR FEATURES

- PAPR features
- User adjustable air flow 170/220 l/min
- Li-Ion battery pack (8-11hr duration @ 220 l/min)
- P3 filter and pre-filter
- Audio/visual blocked filter and low battery alarm
- Optional HD Battery (14-21 hr duration)
- Lightweight PAPR (1kg) and comfortable waist belt



**3 YR Warranty
on Auto Darkening Filter***

*For Full Warranty Details Refer Operating Manual

SENTINEL™ A50 AIR

Powered Air Purifying Respirator

The strong physical construction of the PAPR unit, makes it extremely robust and suitable for all heavy duty welding applications.

SENTINEL A50 HELMET & HARNESS

- Crystal clear true colour visibility.
- High impact revolutionary shell design.
- Colour touch screen control panel.
- Hard coated Anti-Scratch front cover lens (clear/amber).
- 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.
- Externally activated Grind button. (Shade 3 grind mode).
- Low amperage TIG rated ≥ 2 amp (DC) (AC).
- Memory - 8 location storage.

Cartridge Dimensions	133 x 114 x 9 mm
Viewing Area	100 x 60 mm (3.93" x 2.36")
Lens Shade	DIN 5-8/9-13
Power Supply	Solar cell plus replaceable battery. (2 x CR2450 lithium). Alerts when low battery.
Arc Hours	2,000+
Sensors	4
Switch Time	1/25,000 s. from Light to Dark
Optical Classification	1/1/1/2
Standards	AS/NZS1337.1, AS/NZS1338.1, DIN plus, CE, EN175, EN 379, EN166, ANSI Z87.1, CSA Z94.3.

ESAB PAPR

Dimensions	185 x 100 x 160 mm
Air Flow	170/220 l/min
Battery Hours	8-11 (Fitted) / 14-21 (optional HD Battery)
Standards	CE EN12941

The PAPR (Powered Air Purifying Respirator) unit is delivered complete and is ready to use.

ESAB PAPR Contents includes: Motor unit, Battery, Intelligent Charger, P3 filter + Pre Filter, Comfort pad and waist belt, 1m hose and proban hose cover



WEIGHS ONLY 1KG

ORDERING INFORMATION

COMPLETE SYSTEM: (Helmet / PAPR / Bag) Sentinel Air w ESAB PAPR & Bag	S700 000 827
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ORDERING INFORMATION

Sentinel Air A50 Helmet only	0700 000 801
ESAB PAPR only, 1m Hose, Aust RCM	0700 002 301
PAPR Kitr bag - Empty	0700 002 315
Pre filter (Pk 5ea), ESAB PAPR, & Aristo Air	0700 002 310
P3 filter, ESAB PAPR, & Aristo Air	0700 002 309
Carbon Pre Filter (Pk of 5ea), ESAB PAPR & Aristo	0700 002 317
Battery 8-11HRS, ESAB PAPR	0700 002 312
Battery HD 14-21HRS, ESAB PAPR	0700 002 313
Intelligent charger, ESAB PAPR	0700 002 311
Motor unit, ESAB PAPR	0700 002 308
Proban Hose Cover 1m, ESAB PAPR & Aristo Air	0700 002 303
Air hose 1m, ESAB PAPR & Aristo Air	0700 002 306
Comfort pad incl. waist belt, ESAB PAPR & Aristo	0700 002 307

SENTINEL A50 AIR WEAR AND SPARE PARTS

Front Cover Lens Clear (1 x Pack of 5)	0700 000 802
Front Cover Lens Amber (1 x Pack of 5)	0700 000 803
Headgear Assembly (Including Sweat Bands)	0700 000 805
Auto-Darkening Filter (Incl. 2 x CR2450 lithium)	0700 000 806
Inside Cover Lens 100 x 64mm (1 x Pack of 5)	0700 000 808
Front Sweat Band (1 x Pack of 2)	0700 000 810
Rear Sweat Band (1 x Pack of 2)	0700 000 812
SENTINEL A50 Air shell with air duct	0700 000 813
Face Seal and Bracket	0700 000 814



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