



# SENTINEL™ A50 Air with Aristo® Air PAPR



The Aristo® Air PAPR (Powered Air Purifying Respirator) system combined with the Sentinel A50 Air helmet, 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 210 L/min to suit the environment and application. This is highlighted by an LED airflow indicator on top of the unit. The Aristo® Air is equipped with audio & visual blocked filter and low battery alarms, offering extra safety for the welder.

## ARISTO AIR PAPR FEATURES

- Li Ion battery pack (up to 8hr duration @ 210L/min).
- P3 filter and pre-filter.
- Audio/visual blocked filter and low battery alarms.
- LED air flow indicator.
- International intelligent charger (interchangeable pins).
- Battery charge LED indicator.
- Flat push button membrane switch.
- Supplied with 'new style' comfort pad.



3 YR Warranty  
on Auto Darkening Filter\*

\*For Full Warranty Details Refer Operating Manual



# SENTINEL™ A50 AIR with Aristo® Air PAPR

The strong physical construction of the Aristo®Air, 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  $\geq 2\text{amp}$  (DC) (AC).
- Memory - 8 location storage.

## WEIGHS ONLY 1KG



## SENTINEL A50 AIR

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.

## COMPLETE SYSTEM: (HELMET & PAPR) 0700 000 826

Sentinel A50 Air	0700 000 801
Aristo Air PAPR (with 1m hose)	0700 002 184

## ARISTO AIR ORDERING INFORMATION

Air Hose 1m Standard	0700 002 055
Material Hose Cover	0349 501 071
Pre Filter (Pack of 5)	0700 002 023
P3 Filter	0700 002 024
Waist Belt	0700 002 027
Carbon Pre Filter (Pack of 10)	0700 002 040
Comfort Pad Aristo Air	0700 002 162
Aristo Air Motor Unit	0700 002 163
Aristo Air Li-Ion Battery Pack	0700 002 164
Intelligent Charger Aristo Air (AUS RCM)	0700 000 471
Aristo Air Door	0700 002 166

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

Contents include: Air Unit with air hose and hose cover, battery, intelligent charger, comfort pad and P3 filter.

## 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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