

XR950A / XR940A

POWERED AIR PURIFYING RESPIRATOR

For Particulate Environments

The Parweld Powered Air Purifying Respiratory System is an easy-to-use, versatile respirator for particulate environments. With a compact and slim design, the powered air respirator is the answer to your respiratory protection needs.

Supplied complete ready to use with either the XR1052 Flip Filter welding Helmet, or the Large Window welding helmet.

Lightweight blower unit fits close to the user's back, with additional shoulder straps, reducing the leverage effect that can cause PAPRs to feel heavier. Contoured outer surface makes it less likely to snag on other objects.

Simple, one-button control, with triple alarms – audible, LED and vibration, alert the user of the following conditions, low battery, low airflow or particle filter is blocked.

Electronic control system keeps the calibrated airflow at the pre-set level and compensates for filter clogging or loss of battery charge to ensure constant air flow to the operator.

Lightweight lithium battery packs ensure long life and eliminate memory effect ensuring full shift operation.

Straightforward maintenance with the battery and filter changed in seconds by hand. The belt and blower unit have smooth outer surfaces, to limit obstruction and facilitate fast cleaning.

The operator can sit or lie down without obstruction to air flow. User interface gives key operating information (fan speed, air flow, battery and filter).

Welding and Grinding Helmet Options
XR1052 - Flip Filter

XR1002 - Large View



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XR1003 - Blower Unit

Simple and clear status display

Easy to operate controls

Smooth and ultra-quiet brushless motor

Supplied with a P3 main filter, activated carbon pre filter and metal spark arrester

Variable airflow speed control

Light weight, less than 1.1Kg

Removable Li/Ion battery
Run time 10hrs



TECHNICAL DATA

Air flow rate	170 or 220nl/min
Material	PC + ABS
Motor	Brushless
Fuse	Electronic
Battery	Li-ion 14.8V Rechargeable
Battery Charging Time	Approx 2.5h
Charging Cycles	>350
Run Time	11 hour @ 170nl/min 9 hour @ 220nl/min (Min fully charged new battery & filter room temp)
Noise	Max. 60dB(A)
Voltage/Capacity	14.8V/2.2Ah
Pre filter	Carbon (Odour)
Weight	288g (1097g incl. Filter & Battery)
Dimensions	224 x 190 x 70 mm (MAX)
Air hose length	850mm
Master Filter Type	P3 TH3P R SL for TH3P System (Europe)
Standards	EN12941:1998/A1:2003/A2:2008 TH3 P R SL

FILTRATION

The unit uses a P3 Particulate main filter combined with a carbon odour filter and a mesh spark trap, all of which are user replaceable. The unit is suitable for use in areas without a restricted oxygen supply.

The TH3P filter has a protection factor of 500 and the lifetime of the filter is dependent upon local fume levels.

TH3P FILTER APPLICATIONS

- Metal Grinding and Cutting Applications
- Welding of Aluminium by MIG or TIG Processes
- Welding of Stainless Steel by MIG & TIG Processes
- Welding of Steel by MMA, MIG or TIG
- Welding of Zinc Coated Steel by MIG or TIG

XR950A / XR940A is a battery powered air purifying respirator for protection against dust and particles.

This system is TH3P certified in accordance with European standard EN12941: 1998/A 1:2004/A2:2008 TH3P

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Welding and Grinding Helmet Options

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KEY FEATURES

- ▶ ADF Flips Up Inside Helmet
- ▶ Wide Field of View Angle
- ▶ Automatic Darkening
- ▶ True Colour View
- ▶ Variable Shade 4-to-13
- ▶ ADF exceptional clarity and optical quality rated 1/1/1/1 EN 379
- ▶ External Controls
- ▶ Variable Sensitivity and Delay
- ▶ Automatic On and Off, Solar Cells and Built In Battery
- ▶ Front Visor for High Impact Protection
- ▶ Clear state 3.0 for exceptional pre-weld clarity
- ▶ Fitted with an Air Blower System Standard Female Port
- ▶ Adjustable Headgear Multiple Rake Positions for a Precise Fit
- ▶ Slim and Lightweight
- ▶ Ergonomically Balanced to Increase Comfort
- ▶ 24 Months Warranty

KEY FEATURES

- ▶ Extra Large Viewing Area
- ▶ Automatic Darkening
- ▶ True Colour View
- ▶ Variable shade 5-13
- ▶ UV/IR protection
- ▶ External Controls
- ▶ Variable Sensitivity and Delay
- ▶ Automatic On and Off, Solar Cells and Built In Battery
- ▶ Fitted with an air blower system standard female port
- ▶ Adjustable Headgear Multiple Rake Positions for a Precise Fit
- ▶ 24 Months Warranty

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XR950A



XR940A



SPARES INFORMATION

Stock Code	Description
XR950A	PAPR Blower Unit with carry bag, flip filter welding, grinding helmet & universal charger
XR1052	Flip Filter Helmet
XR1003	Blower Unit
XR1004	Filter Cover
XR1005	Spark Arrestor
XR1006	Carbon Pre-filter
XR1007	P3 Hepa filter
XR1008	Waist Belt and Shoulder Harness
XR1009	Air Hose and Connectors
XR1010	FR Hose Cover
XR9540	Head Gear Assembly
XR9550	Sweat Band (Set of 3)
XR1013	Head Gear Fixing Kit
XR9570	Face Seal
XR1016	Battery
XR1017	Charger
XR9520	Front Cover Visor
XR9530	Inside Cover Lens

SPARES INFORMATION

Stock Code	Description
XR940A	PAPR Blower Unit with carry bag, large view welding grinding helmet & universal charger
XR1002	Helmet
XR1003	Blower Unit
XR1004	Filter Cover
XR1005	Spark Arrestor
XR1006	Carbon Pre-filter
XR1007	P3 Hepa filter
XR1008	Waist Belt and Shoulder Harness
XR1009	Air Hose and Connectors
XR1010	FR Hose Cover
XR1011	Head Gear including Air Duct
XR1012	Sweat Band
XR1013	Head Gear Fixing Kit
XR1014	Face Seal and Fixings
XR1016	Battery
XR1017	Charger
XR9720	Front Cover Lens
XR9730	Inside Cover Lens