

NEW XR936A AIR RESPIRATORY SYSTEM

Stock Code XR936A



FEATURES

- Portable and Lightweight
- Protects Against Dust Particles, Solid and Liquid Aerosols and Smoke
- Constant Filtered Air Flow
- Lightweight Li-ion Removable Battery
- DIN5-13
- Audible, Visible and Vibration Warning Alarms for Low Power, Low Air-flow and Blocked Filter
- Variable Sensitivity
- Grinding Mode
- Variable Lightening Delay Settings
- Full Face Coverage
- Automatic Power On/Off
- UV/IR Protection up to shade DIN 16
- 24 Months Warranty (6 Months on Battery)
- Conforms to BE EN 12941 TH2P R SL
- BS EN 379:2003+A1:2009
- BS EN 175:1997
- BS EN 12941:1998+A2:2008

The **Parweld XR936A** combines a Light Reactive Parweld Welding Helmet with a clean air respiratory unit to provide the user with added protection against welding fume, dust particles and aerosols.

TECHNICAL DATA	
Air Flow Range	150 – 220 l/min
Weight of Power Unit including Filter and Battery	920g
Protection and Noise Level	TH2 P, NPF 20, 65db
Regulated Airflow	8 Speed Adjustable
Minimum Welding Amperage Required	5A
Battery Life Expectancy	350 charging cycles
One Charging Cycle	3 to 4 hours
Operating Time of Battery After One Charging (dependant on filter condition and air flow speed)	6 to 8 hours
Belt Size	80 to 100cm
Recommended Working Temperature	0° to 40°C
Recommended Working Humidity	20 to 80% RH
Alarms	Audible, Visible and Vibration
Filter Type	PRSL

SPARES INFORMATION	
Stock Code	Description
XR936A	Air Respiratory System complete with Welding and Grinding Helmet
XR260	Face Seal
XR261	Headgear and Airduct Assembly
XR262	Hose and Cover Assembly
XR264	Belt
XR265	Charger
XR266	Battery
XR267	Filter
XR268	Pre-Filter
XR280	Helmet and Face Seal
XR263	Blower without Helmet

Clean Air Unit

The Parweld powered air purifying respirator (PAPR) provides a steady stream of clean air into the welding mask.

The air is fed into the helmet above the welder's head and exits below the chin.

The air stream combined with the positive pressure created within the helmet prevents contaminated air entering the breathing zone.

Portable and Lightweight

The main unit and battery pack are carried by the user on a support belt around the waist, which is connected to the welding helmet by a lightweight hose.

Adjustable Air Flow

The air flow rate can be adjusted from 150 to 220lpm by means of a push button panel with led indication. In the event of a flow rate falling below the minimum required level to give protection the blower unit will automatically increase the fan speed to compensate. If the minimum flow rate cannot be achieved then an alarm will sound so that the operator can leave the work area safely, if the first alarm is ignored the unit will then start to vibrate and increase the volume of the alarm.

The Li-ion battery pack is rechargeable and will operate from 6 to 8 hours continuously, dependant on operational mode.

Filters and Pre-Filters

The XR936A uses a 2 stage filter process, the main P3 filter gives the required essential isolation against welding particles, smoke and dust providing the user with a protection factor of 20.

The standard filter can be complemented with a pre filter which removes large dust particles and so extends the life of the main filter.

Conforms to International Standards

The XR936A Air Flow System is independently certified to BS EN 12941:TH2P R SL.

The XR936H Light Reactive Welding and Grinding Helmet is independently certified to BS EN 379:2003+A1:2009, BS EN 175:1997.

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