

# XR940A AIR PURIFYING RESPIRATOR

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

**NEW**



- XR940A supplies clean air reducing the effort required to breathe in fume environments. The electronic system for controlling the airflow monitors the blower in order to ensure a constant flow of min.170nl/min\*. The operating time of XR940A with a fully charged battery depends on the & filter state but run time on the low setting is normally more than 11 hours & 9 hours on the high setting.
- Has enhanced warning signals, optical and audible alarms for low power, clogged filter and reduced airflow. The welding helmet features an multi adjustable headband with enhanced supports to spread the load evenly on the wearers head, vibration warning for low air flow.
- Comes with the XR937H true colour cartridge for enhanced clarity.
- Support provided by removable shoulder straps.

## TECHNICAL DATA

|                         |  |
|-------------------------|--|
| AIR FLOW RATE           | 170 or 220nl/min Minimum   |
| MATERIAL                | PC + ABS   |
| MOTOR                   | DC brushless   |
| FUSE                    | Electronic   |
| BATTERY                 | Li-ion 14.8V   |
| BATTERY CHARGING TIME   | Approx 2.5h  |
| BATTERY LIFE EXPECTANCY | >350   |
| RUN TIME                | 10 hour @ 170nl/min  |
| NOISE                   | Max. 60dB(A)   |
| VOLTAGE / CAPACITY      | 14.8V/2.2Ah  |
| MASTER FILTER           | P3 TH3P R SL   |
| OPERATING TIME          | 1* 11h Operating time level 2* 9h<br>(*min with a fully charged new battery & filter room temp.) |
| PRE FILTER              | Active carbon (odour)  |
| WEIGHT                  | 288g (1097g incl. Filler and Battery)  |
| DIMENSIONS              | 224 x 190 x 70 mm (MAX)  |
| MASTER FILTER TYPE      | P3 TH3P R SL for TH3P system (Europe)  |
| APPROVALS               | EN12941:1998/A1:2003/<br>A2:2008 TH3 P R SL  |

## Filtration

The unit is fitted with a P3 Particulate main filter coupled with a carbon odour pre filter and a stainless steel spark trap to preserve the filters, all filters are replaceable. Filter lifetime is dependant upon the working environment. The unit is not suitable to operation in areas where the oxygen supply is depleted or there may be a risk of toxic gas build up.

- TH3P Protection factor 500
- TH3P filter applications
- Metal Grinding and cutting applications
- Welding of Aluminium by MIG or TIG process
- Welding of Stainless Steel MIG and TIG processes
- Welding of steel by MMA, MIG or TIG
- Welding of Zinc coated steel by MIG or TIG

## SPARES INFORMATION

| STOCK CODE | DESCRIPTION  |
|------------|--|
| XR940A     | PAPR unit with carry bag, large view welding grinding helmet and 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     | Inside Cover Lens  |
| XR9730     | Front Cover Lens   |

## FEATURES:

Simple and clear status display

Smooth and ultra-quiet brushless motor

Variable airflow speed control

Removable Li/ion battery Run time 10hrs+

Easy to operate controls

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

Light weight , less than 1.1kg

