

XR940A is a battery powered air purifying respirator for protection against dust particles and smoke whilst welding or grinding. This system is TH3P certified on accordance with European standard EN12941: 1998/A 1:2004/A2:2008 TH3P.

- The helmet features an extra large viewing area, true colour lens, four arc sensors, variable shade control DIN 5-9/9-13, ADF self testing, dual solar cells and UV/IR protection.
- Lightweight blower unit fits close to the user's back, with additional shoulder straps, reducing the leverage that can cause PAPR's to feel heavier. Contoured outer surface makes it less likely to snag on other objects. The 14.8V lithium battery pack ensures long life and will eliminate memory effect ensuring full shift operation.
- 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 conditions and filter state but run time on low setting is normally more than 11 hours and 9 hours on high setting.



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XR940A Air Purifying Respirator



- Has enhanced warning signals, optical and audible alarms for low power, clogged filter and reduced airflow. The welding helmet features an adjustable headband with enhanced supports to spread the load evenly on the wearers head and with vibration warning for low airflow.
- Comes with the XR937H true colour cartridge for enhanced clarity.
- Support provided by removable shoulder straps.
- Flexible air hose with flame retardant cover.



TECHNICAL DATA

AIRFLOW RATES	170/220nl/min Minimum
MATERIAL	PC & ABS
MOTOR	DC Brushless
FUSE	Electronic
BATTERY	Li-ion 14.8V
BATTERY CHARGE 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 (*min with fully charged new battery & filter room temp.)
PRE FILTER	Active Carbon (odour)
WEIGHT	288g (1097g incl. filter & 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/ A2:2008 TH3P R SL

This 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 dependent upon the working environment. The unit is not suitable for operation in areas where oxygen supply is depleted or there may be risk of toxic gas build up.

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

SPARES INFORMATION

Stock Code	Description
MASKXR940A	PAPR unit with carry bag, hose, helmet & charger
MASKXR1006	Carbon Pre-filter (5pk)
MASKXR1007	P3 HEPA filter
MASKXR9720	Inside Cover Lens (10pk)
MASKXR9730	Front Cover Lens (10pk)

All parts are available, please call for details



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