



XR937H

LARGE VIEW LIGHT REACTIVE WELDING AND GRINDING HELMET

NEW



TECHNICAL DATA

Viewing Area	101mm x 94mm (3.98" x 3.7")
UV/IR Protection	Permanent Shade DIN 16
Light State	Shade DIN 4
Dark State	Shade DIN 5-9 to DIN 9-13 Variable
Power Supply	Solar Cells and Lithium Batteries
Power On/Off	Fully Automatic
Sensitivity	External Variable
Arc Sensors	4
Delay Time (Dark to Light)	0.1-1.0 Seconds Variable
Grinding	Yes, External
ADF Self-Testing	Yes
Lower Battery Alarm	Yes, LED Indicator Light
Operating Temp	-10°C +60°C
Storage Temp	-20°C +70°C
Total Weight	530g

SPARES INFORMATION

STOCK CODE	DESCRIPTION
XR937H	Large View Light Reactive Welding and Grinding - Purple
XR9720	Front Cover Lens
XR9700	Auto Darkening Filter (ADF)
XR9730	Inside Cover Lens
XR9740	Head Band Assembly
XR1012	Sweat Band
XR363	Battery (2 required)

FEATURES:

- Extra large viewing area
- True colour lens
- 4 arc sensors
- All external controls
- Variable shade control DIN 5-9/9-13
- ADF self-testing
- Dual solar cells
- UV/IR protection
- Automatic power fully automatic
- 24 months warranty
- Conforms to EN379, EN175, EN166, ANSI Z87.1

STANDARD LENS:



TRUE COLOUR LENS:





MOULDED CONSTRUCTION

The XR937H is both slim and lightweight in construction. Manufactured from a high impact polyamide nylon material which ensures the helmet provides high levels of comfort and durability. The metallic paint finish ensures maximum heat reflection.

LARGE VIEWING AREA

Allows the user to follow the weld seam with ease and allows extended use for grinding due to improved visibility.

FAST SWITCHING

The auto on, auto darkening, wide view lens switches from light to dark in 1/30,000th of a second and offers continuous eye protection against UV and IR radiation, even when the lens is in the light state mode.

The grinding switch is conveniently located on the outside of the helmet. The switch locks the filter in the light state (Shade DIN 4) to enable the helmet to be used as a grinding visor.

SOLAR POWERED

The helmet is powered by a solar cell with replaceable backup batteries.

FILTERS

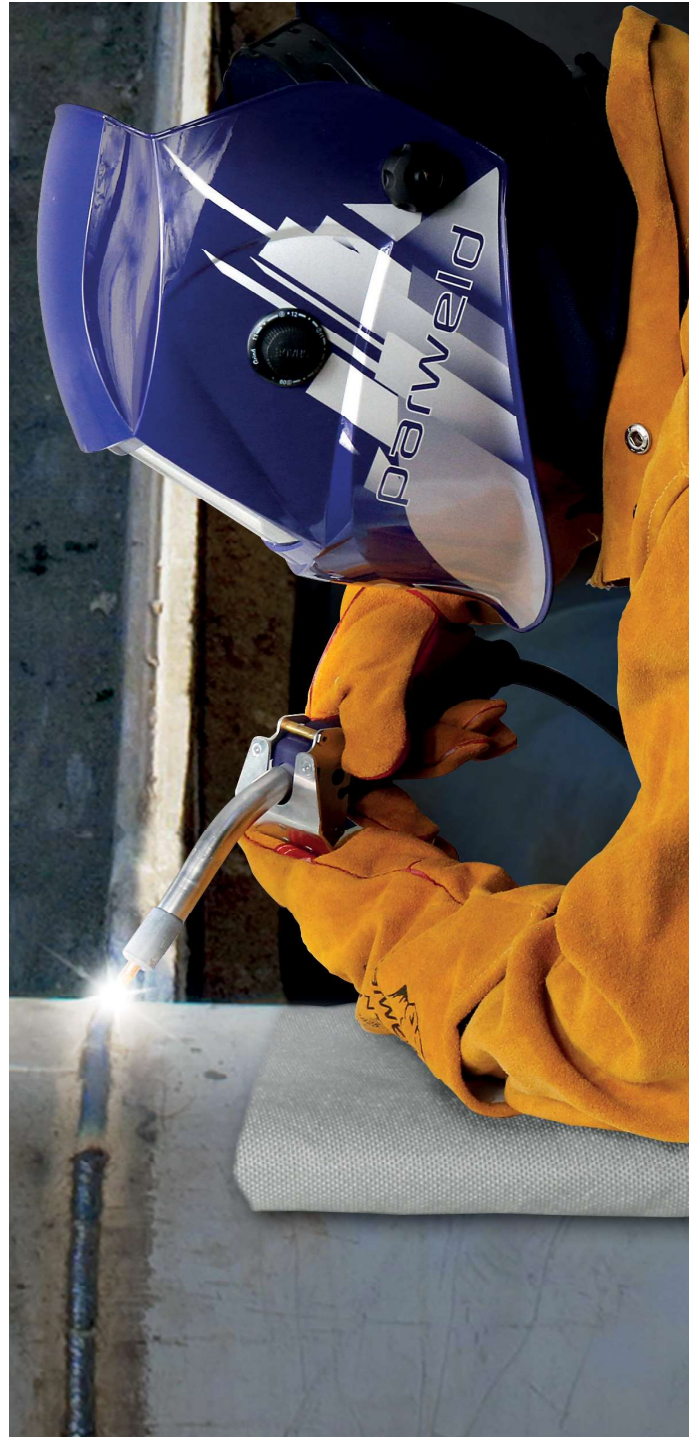
The welding filter has 4 sensors that react independently as the welding arc is struck enabling the almost instantaneous darkening of the filter.

The switching sensitivity knob is located on the outside of the helmet and allows the helmet to be tuned to work in different ambient light levels.

All Parweld filters have a Shade DIN 4 light state, ideal for welding preparation.

CONFORMS TO EUROPEAN STANDARDS

The XR937H Large View Light Reactive Welding and Grinding Helmet is independently certified to BS EN 379 and BS EN 175, EN 166, BS EN 379:2003+A1:2009, BS EN 175:1997, BS EN 166:2002.





XR938H

TRUE COLOUR LIGHT REACTIVE WELDING AND GRINDING HELMET

NEW



FEATURES

- True colour lens
- Slim and lightweight
- Automatic light adjustment from light to dark in 1/30,000th of a second
- Shade control from DIN 5-13
- Variable sensitivity
- Grinding mode
- Variable delay
- Viewing area 100 x 53mm (3.94" x 2.08")
- Full face coverage
- Suitable for TIG welding
- Automatic power on/off
- Battery life expectancy 2 years
- UV/IR protection up to shade DIN 16
- 24 months warranty

TECHNICAL DATA

Viewing Area	100 x 53mm (3.94" x 2.08")
Cartridge Size	110mm x 90mm (4.33" x 3.54")
UV/IR Protection	Permanent Shade DIN 16
Light State	DIN Shade 4
Dark State	DIN Shade 5 to 13 Variable
Power Supply	Built in solar cells and replaceable battery
Power On/Off	Fully Automatic
Switching Time Light to Dark	1/30,000 seconds
Dark to Light	0.1-1.0 seconds (External variable)
Operating Temp	-10°C to +60°C (14°F to 140°F)
Storage Temp	-20°C to +70°C (-4°F to -158°F)
Helmet Material	High Impact Polyamide Nylon
Total Weight	470g
Min Amperage Req	5A

SPARES INFORMATION

STOCK CODE	DESCRIPTION
XR938H/P	True Colour Light Reactive Helmet - Purple
XR938H	True Colour Light Reactive Helmet - Silver
XR938H/BL	True Colour Light Reactive Helmet - Blue
XR938H/E	True Colour Light Reactive Helmet - Eagle
XR938H/F	True Colour Light Reactive Helmet - Flame
XR938H/R	True Colour Light Reactive Helmet - Red
XR720	Front Cover Lens
XR380	True Colour ADF 110mm x 90mm
XR730	Inside Cover Lens
XR770	Sweat Band
XR740	Adjustable Headband



XR938H



XR938H/B



XR938H/R



XR938H/P



XR938H/E



XR938H/F



MOULDED CONSTRUCTION

The XR938H is both slim and lightweight in construction. Manufactured from a high impact polyamide nylon material which ensures the helmet provides high levels of comfort and durability. The metallic paint finish ensures maximum heat reflection.

FULL FACE COVERAGE

A curved design with a clear spatter shield over the optics provides maximum clarity. The helmet is fully adjustable to suit all head and body types. Features full neck coverage, locking headgear and automatic power on/off switch.

FAST SWITCHING

The auto on, auto darkening, wide view lens switches from light to dark in 1/30,000th of a second and offers continuous eye protection against UV and IR radiation, even when the lens is in the light state mode.

The grinding switch is conveniently located on the outside of the helmet. The switch locks the filter in the light state (Shade DIN 4) to enable the helmet to be used as a grinding visor.

SOLAR POWERED

The helmet is powered by a solar cell with replaceable backup battery.

FILTERS

The welding filter has 4 sensors that react independently as the welding arc is struck enabling the almost instantaneous darkening of the filter.

The switching sensitivity knob is located on the inside of the helmet and allows the helmet to be tuned to work in different ambient light levels.

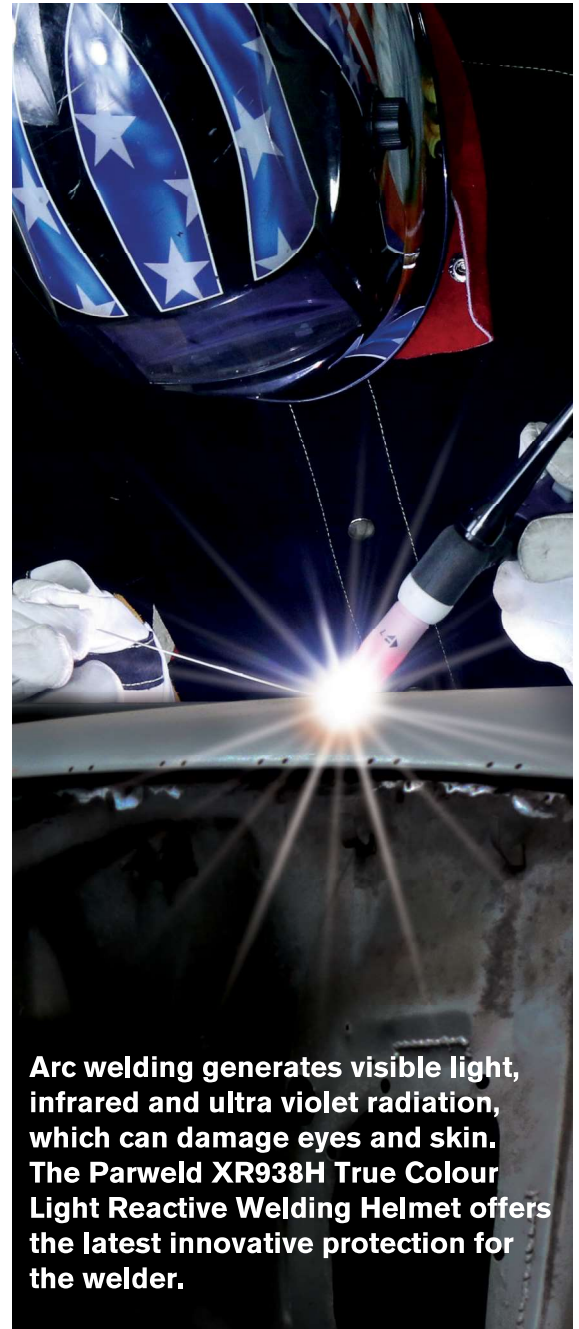
All Parweld filters have a Shade 4 light state, ideal for welding preparation.

CONFORMS TO EUROPEAN STANDARDS

The XR938H True Colour Light Reactive Welding and Grinding Helmet is independently certified to BS EN 379 and BS EN 175, EN 166, BS EN 379:2003+A1:2009, BS EN 175:1997, BS EN 166:2002.

STANDARD LENS:

TRUE COLOUR LENS:



Arc welding generates visible light, infrared and ultra violet radiation, which can damage eyes and skin. The Parweld XR938H True Colour Light Reactive Welding Helmet offers the latest innovative protection for the welder.



XR940A

POWERED AIR PURIFYING RESPIRATOR FOR PARTICULATE ENVIRONMENTS

NEW



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 and 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

SPARES INFORMATION

STOCK CODE	DESCRIPTION
XR940A	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 c/w 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

FILTRATION

The unit is fitted with a P3 Particulate main filter coupled with a carbon odour pre filter & 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 for operation in areas where the oxygen supply is depleted or risk of toxic gas build up. TH3P Protection factor 500

TH3P FILTER APPLICATIONS

- Metal Grinding & cutting applications
- Welding of Aluminium 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

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

FEATURES:

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 a 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.



SIMPLE AND CLEAR
STATUS DISPLAY

SMOOTH &
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



PARWELD TV

See the XR940A in action on
Parweld TV, Parweld's exclusive
YouTube Channel