

XR935H

EVERYDAY LIGHT REACTIVE WELDING AND GRINDING HELMET



FEATURES

- Slim and lightweight
- Automatic light adjustment from light to dark in 1/30,000th of a second
- Shade control from DIN9-13
- Variable sensitivity
- Grinding mode
- Variable delay
- Viewing area 100mm x 41mm (3.94" x 1.62")
- Full face coverage
- Suitable for TIG welding
- Automatic power on/off
- Built in battery
- UV/IR protection up to shade DIN 16
- Confirms to CE and BS EN 379:2003+A1:2009, BS EN 175:1997, EN 166:2002
- 12 months warranty

CONFORMS TO EUROPEAN STANDARDS

The XR935H Light Reactive 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.

TECHNICAL DATA

Viewing Area	100mm x 41mm (3.94" x 1.62")
Cartridge Size	110mm x 90mm (4.33" x 3.54")
UV/IR Protection	Permanent Shade DIN16
Light State	DIN Shade 4
Dark State	DIN Shade 9 to 13 Variable
Power Supply	Solar cells with built in battery
Power On/Off	Fully Automatic
Switching Time Light to Dark	1/30,000 seconds
Dark to Light	0.1-1.0 seconds (Internal variable)
Operating Temp	-10C 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	466g
Min Amp Req	10A

SPARES INFORMATION

STOCK CODE	DESCRIPTION
XR935H	Everyday Light Reactive Welding and Grinding Helmet
XR320	Front Cover Lens
XR350	Auto Darkening Filter Cartridge
XR330	Inside Cover Lens
XR370	Sweat Band
XR340	Adjustable Headband

MOULDED CONSTRUCTION

The XR935H 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.

Full Face Coverage and Solar Powered. 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. The helmet is powered by a solar cell, there is no need for external batteries or cables. Internal battery life expectancy is 6 years.

FAST SWITCHING

The auto on 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 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 4) to enable the helmet to be used as a grinding visor.

FILTERS

The welding filter has 2 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.



XR937H

LARGE VIEW LIGHT REACTIVE WELDING AND GRINDING HELMET



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/P	Large View Light Reactive Welding and grinding - Purple
XR937H	Large View Light Reactive Welding and grinding - Purple - Silver
XR937H/BL	Large View Light Reactive Welding and grinding - Purple - Blue
XR937H/E	Large View Light Reactive Welding and grinding - Purple - Eagle
XR937H/F	Large View Light Reactive Welding and grinding - Purple - Flame
XR937H/R	Large View Light Reactive Welding and grinding - Purple - Red
XR720	Front Cover Lens
XR380	True Colour ADF 110 x 90
XR730	Inside Cover Lens
XR770	Sweat Band
XR740	Adjustable Headband

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 on/off
- 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 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 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 XR937H True Colour 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



FEATURES

- True colour lens
- Slim and lightweight
- Automatic light adjustment from light to dark in 1/30,000th of a second
- Shade control from DIN5-13
- Variable sensitivity
- Grinding mode
- Variable delay
- Viewing area 100mm x 52mm (3.94" x 2.05")
- 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 52mm (3.94" x 2.05")
Cartridge Size	110mm x 90mm (4.33" x 3.54")
UV/IR Protection	Permanent Shade DIN16
Light State	DIN Shade 4
Dark State	DIN Shade 5 to 13 Variable
Power Supply	Solar cells with replaceable batteries (CR2450)
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 110 x 90
XR730	Inside Cover Lens
XR770	Sweat Band
XR740	Adjustable Headband



XR938H



XR938H/BL



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 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 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 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



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 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

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

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





GLASS FILTER LENSES

Designed for use with welding helmets to protect the users eyes. Should always be used in conjunction with a clear cover lens.



STANDARD
BS EN 169:2002,
BS EN 166:2002
Size 108mm x 50mm
(4 1/4" x 2")

STOCK CODE	SHADE
LS0850	8
LS0950	9
LS1050	10
LS1150	11
LS1250	12
LS1350	13



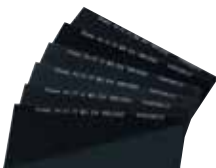
STANDARD
BS EN 169:2002,
BS EN 166:2002
Size 108mm x 82mm
(4 1/4" x 3 1/4")

STOCK CODE	SHADE
LS0882	8
LS0982	9
LS1082	10
LS1182	11
LS1282	12
LS1382	13



STANDARD
BS EN 169:2002,
BS EN 166:2002
Size 133mm x 114mm
(5 1/4" x 4 1/2")

STOCK CODE	SHADE
LS0813	8
LS0913	9
LS1013	10
LS1113	11
LS1213	12
LS1313	13



STANDARD
BS EN 169:2002, BS
EN 166:2002
Size 108mm x 82mm
(4 1/4" x 3 1/4")

STOCK CODE	SHADE
LS0855	8
LS0955	9
LS1055	10
LS1155	11
LS1255	12
LS1355	13



STANDARD
BS EN 169:2002,
BS EN 166:2002
Size 110mm x 60mm
(4.3" x 2.4")

STOCK CODE	SHADE
LS0860	8
LS0960	9
LS1060	10
LS1160	11
LS1260	12
LS1360	13



STANDARD
BS EN 169:2002,
BS EN 166:2002
Size 110mm x 90mm
(4.3" x 3.5")

STOCK CODE	SHADE
LS0890	8
LS0990	9
LS1090	10
LS1190	11
LS1290	12
LS1390	13

CLEAR COVER LENSES



Designed for use with welding helmets to protect the filter lens from spatter.

CLEAR CR39 COVER LENS

STOCK CODE	SIZE
LCR3950	108 x 50mm (4¼ x 2")
LCR3982	108 x 82mm (4¼ x 3¼")
LCR3933	133 x 114mm (5¼ x 4½")

STANDARD

BS EN 166:2002 1S

CLEAR GLASS COVER LENS

STOCK CODE	SIZE
LC0050	108 x 50mm (4¼ x 2")
LC0082	108 x 82mm (4¼ x 3¼")
LC1055	110 x 55mm
LC0133	133 x 114mm (5½ x 4¼")
LC1060	110 x 60mm
LC1090	110 x 90mm

STANDARD

BS EN 166:2002 1

DIOPTER LENS

STOCK CODE	MAGNIFICATION
LD1050	1.0
LD1550	1.5
LD2050	2.0
LD2550	2.5
LD3050	3.0

STANDARD

BS EN 166:2002 1F

CLEAR POLYCARBONATE COVER LENS

STOCK CODE	SIZE
LP0047	103mm x 47mm
LP0050	108 x 50mm (4¼ x 2")
LP0060	110 x 60mm
LP0082	108 x 82mm (4¼ x 3¼")
LP1033	114 x 133mm (4¼ x 5¼")

STANDARD

BS EN 166:2002