



ADVANCED TRUE-COLOUR WELDING PROTECTION

A high-performance auto-darkening welding and grinding helmet with a wide viewing area and True Colour filter technology. Four independent arc sensors support reliable detection, while adjustable sensitivity and delay controls allow the filter response to be tuned to the welding process.

- Variable DIN Shade 5-13 with light state for set-up and grinding
- True Colour auto-darkening filter with 100 x 53 mm viewing area
- Four independent arc sensors with adjustable sensitivity and delay
- Suitable for low-amperage TIG welding down to 5 A

Technical specification

Property	Specification	Property	Specification
Product code	XR938H	Product type	Auto-darkening welding and grinding helmet
Viewing area	100 x 53 mm (3.94' x 2.08')	Filter type	True Colour auto-darkening filter
Light state	DIN Shade 4	Variable dark state	DIN Shade 5-13
Arc sensors	4 independent photo sensors	Minimum TIG current	5 A
Sensitivity	Variable Sensitivity	Dark-to-light delay	0.1 - 1.0 Seconds (External Variable)
Power supply	Solar assisted with replaceable battery	Battery	CR2450 (3V Battery)
Grinding mode	External grind function	Power control	Automatic
Helmet material	High-impact polyamide nylon	Weight	470 g
Operating temperature	-10°C to +60°C (14°F to 140°F)	Storage temperature	--20°C to +70°C (--4°F to 158°F)
Colour	Graphite	Product family	XR Series

Performance and user benefits

TRUE COLOUR VIEW Improved colour recognition through the ADF helps provide a more natural view of the weld area.	WIDE VIEWING AREA The 100 x 53 mm viewing window gives a broader view of the joint and surrounding work area.	FOUR ARC SENSORS Four independent sensors improve arc detection across a range of welding positions.
LOW-AMP TIG Designed for TIG welding down to 5 A, supporting precision and low-current applications.	ADJUSTABLE CONTROL Sensitivity and return to light shade delay can be adjusted to suit the process and surrounding light.	WELD / GRIND Dedicated grinding functionality allows preparation work without changing helmets.

Applications and selection

Suitable applications	Selection limitations
• TIG welding at 5 A and above • MIG/MAG welding • MMA/stick welding • Grinding and weld preparation	• Select the correct shade for the process and current. • Not for laser welding or laser cutting. • Not respiratory protection; use suitable fume controls/RPE where required. • Do not use damaged or malfunctioning components.

Replacement parts

Part number	Description
XR720	Front cover lens
XR380	Auto-darkening filter / associated replacement component
XR730	Inside cover lens

Compliance and marking

Product category	Personal protective equipment: eye and face protection for welding.
Applicable legislation	Regulation (EU) 2016/425 on personal protective equipment.
Certification status	Confirm the current helmet and ADF certificates/markings before product release, tender submission or conformity claims.

Care and inspection

Before each use, inspect the shell, headgear, cover lenses and auto-darkening filter. Replace scratched, pitted, cracked or heat-damaged components. Clean using a soft cloth and mild solution; do not use solvents. Store dry and away from direct sunlight. Always follow the current user instructions supplied with the helmet.

Manufacturer: Parweld Ltd, Bewdley Business Park, Long Bank, Bewdley, Worcestershire DY12 2TZ, United Kingdom | +44 (0)1299 266 800 | info@parweld.co.uk