

PARWELD

PROFESSIONAL WELDING PROTECTION

XR935H

WELDING & GRINDING HELMET



EVERYDAY LIGHT-REACTIVE PROTECTION

A slim, lightweight auto-darkening helmet for common arc-welding and grinding operations. The high-impact polyamide nylon shell provides full-face and neck coverage, while adjustable headgear supports a secure, balanced fit.

- Variable DIN Shade 9-13 with Shade 4 light state
- External grind selector and adjustable sensitivity/delay
- Two independent arc sensors with fully automatic power control
- Permanent UV/IR protection equivalent to DIN Shade 16

Technical specification

Property	Specification	Property	Specification
Product code	XR935H	Product type	Auto-darkening welding and grinding helmet
Viewing area	100 x 41 mm (3.93 x 1.62 in)	Filter cartridge	110 x 90 x 8 mm
Light state	DIN Shade 4	Variable dark state	DIN Shade 9-13
UV/IR protection	Permanent protection equivalent to DIN Shade 16	Arc sensors	2 independent photo sensors
Light-to-dark switching	Less than 1/30,000 second	Dark-to-light delay	0.1-1.0 seconds, variable
Sensitivity	Variable adjustment	Minimum operating current	10 A
Power supply	Solar cell with built-in battery	Power control	Fully automatic on/off
Expected internal battery life	Up to 6 years under normal service conditions	Grinding mode	External selector locks filter in Shade 4
Helmet material	High-impact polyamide nylon	Weight	460 g
Operating temperature	-10°C to +60°C	Storage temperature	-20°C to +70°C
Colour	Black	EAN	5055365420159

Performance and user benefits

FAST REACTION The filter changes rapidly from clear to the selected welding shade when an arc is detected.	ADJUSTABLE CONTROL Sensitivity and return delay can be set to suit the process, amperage and surrounding light.	WELD / GRIND The external grind control locks the ADF in Shade 4 for grinding and preparation work.
FULL COVERAGE Curved, compact shell protects the face and neck while helping access confined work areas.	LOW-MAINTENANCE POWER Automatic Power on/off Built in Battery	SERVICEABLE DESIGN Replaceable lenses, filter cartridge, sweatband and headgear support continued service life.

Applications and selection

Suitable applications	Selection limitations
- TIG welding at 10 A and above - MIG/MAG welding - MMA/stick welding - Grinding and weld preparation	- Select the shade appropriate to the welding process and current. - Not for laser welding or laser cutting. - Not respiratory protection; use suitable fume controls/RPE where required. - Do not use a damaged, cracked or malfunctioning filter or shell.

Replacement parts

Part number	Description
XR420	Front cover lens
XR350	Auto-darkening filter cartridge
XR430	Inside cover lens
XR370	Sweatband
XR340	Adjustable headband

Compliance and marking

Product category	Personal protective equipment: eye and face protection for welding.
Applicable legislation	Regulation (EU) 2016/425 on personal protective equipment.
Helmet standard	EN 175:1997 - equipment for eye and face protection during welding and allied processes.
Certified impact level	Low-energy impact, symbol F.
Helmet marking	PAR 175 F CE.

Care and inspection

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

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