



WELDING SAFETY

Automatic Welding Helmets

CHAOS™ MIG/MMA/TIG Compatible

Analogue Lens with Internal & External Controls
Large 100mm x 60mm Viewing Area
4 Independent Sensors

Technical Data

ADF Model	XA-122E
Controls	Analogue
Cartridge Size	110mm x 90mm
Viewing Field	100mm x 60mm
Classification	1/1/1/2
Arc Sensors	4 x Independent Photo Sensors
Light Mode:	Shade 4
Weld Mode:	Variable Shade: Din 9-13 (External)
TIG Suitable	Min 3 Amps
Switching Speed @ 23°C	0.08ms
Sensitivity Setting	Adjusts for varying ambient light
Delay Control	Adjusts dark-to-light state 0.1 to 0.9 sec
Grind Function:	Yes (External)
Grind Warning Flash	Yes
Low Battery Indicator	Yes, indicates battery life 2-3 days
Operating Temperature	-10°C to 65°C
Storage Temperature	-20°C to 85°C
Power Control	Fully automatic
Power Supply	Solar cells & replaceable CR2450 batteries
Total Weight	580g
Standards	ANSI Z87.1 / DIN / CE / TUV
Warranty	24 Months from Date of Purchase



XA-122E Control Panel



GEN-2 TRUE COLOUR LENS TECHNOLOGY

Overview

The CHAOS™ helmet by Xcel-Arc is a high quality wide-view automatic welding helmet that's suitable for almost all welding applications. The CHAOS™ includes an externally operated Grind Mode function, as well as True Colour™ and the latest Comfort Headgear design. The CHAOS™ helmet features four independent arc sensors with solar powered cells and easily replaceable batteries. Other features include external shade adjustment with variable shade 9-13 and TIG operability to 3 amps. Internal controls include adjustable time Delay to clear state and Sensitivity for triggering to dark state. The CHAOS™ helmet is a lightweight and comfortable helmet with a uniquely Kiwi graphics design package for the Kiwi welder who likes to stand out from the crowd. DIN standard approval guarantees maximum eye protection during welding. The unique design, features and price of the CHAOS™ makes it without doubt the best value for money mid-level automatic welding helmet on the market today. The CHAOS™ helmet is backed with a 2-year warranty for your peace of mind.

Part-No

Description

CHAOS	XcelArc Chaos Auto Darkening Welding Helmet
XA-AS-100-FCL	Front Cover Lens 97x118mm
XA-AS4-1-ICL	Inside Cover Lens 105x65mm
XA-AS-3-HB	HG2003 Ergo Head Band Assembly
XA-AS-1-SWB	Sweat Band
XA-AS4-1-BAT	CR2450 Battery
MWL4215	Magnifying Welding Lens 1.5 - 108x51mm
MWL4220	Magnifying Welding Lens 2.0 - 108x51mm

XA-AS-100-FCL
Front Cover Lens
97x118mm

XA-AS4-1-ICL
Inside Filter Lens Cover
105x65mm

MWL42--
Magnifying Lens
108x50mm



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