

CIGWELD

AN ESAB BRAND

MIG

TIG

STICK

PLASMA

GRIND



DESIGNED
& TESTED
IN AUSTRALIA
FOR OVER 100 YEARS

ARCMaster XC80

AUTO-DARKENING WELDING HELMETS with MASSIVE VIEWING AREA

VIEWING AREA
104mm x 104mm = 104mm²



Experience each weld with CIGWELD's largest viewing area yet, which coupled with passive windows gives the welder an extraordinary panoramic view of the weldment. The ARCMaster XC80 boasts a sleek design, 5-point head harness and high-impact rated lightweight shell for superior comfort and a tactile external control module that enables the welder to choose or adjust most settings without having to take the helmet off!

MASSIVE SHADE RANGE: 4 - 14



XC80 helmets boast a shade range from 4-14 in 0.5 Shade Increments. Sh.14 for high amperage Flux Cored Wire welding

ULTRA VIEW



The XC80 is equipped with Ultra View Technology that provides enhanced clarity and colour recognition, enabling you to see every weld in true colour

GRADUAL MODE



Smoothly transitions from dark to light state to minimize eye fatigue.

OPTISHADE TECHNOLOGY



The intelligent 5th sensor automatically adjusts shade range based on detected light transmittance from the weld environment

FEATURES

- Quad-1, high-definition optical viewing rating to the latest ISO 16321-2:V1 Standard (Old Standard EN379: 1/1/1/1) also approved to AS/NZS: 1338:1
- High-impact rating for grinding to AS/NZS: 1337:1
- 5 Arc sensors, excellent for all welding processes including TIG down to **2** amps, including Pulse TIG
- Variable shade ranges 4-8/9-14 in 0.5/half shade increments
- Grinding shade = 3
- Digital sensitivity and delay controls, fast reaction time
- Magnification Frame (can be fitted with an optional CIGWELD magnification lens)
- Suitable for Plasma Cutting & Oxy-Welding Operations
- Optional Bluelight outer lens - improves vision in low light areas, and reduces eye fatigue
- Tactile external control module
- Positive lock-up 5-point head harness mechanism
- Lightweight: 690g
- Available in Matte BLAX Series & FALLOUT Graphic versions

AUTO-DARKENING FILTER

The ARCMaster XC80 ADF is tested and certified to the most recent international standard ISO 16321-2: 2021 for optical clarity along with Australia & New Zealand 1338:1 & 1337.1 standard for optical clarity and high impact.

Experience an expansive panoramic view of every weld through one of the largest viewing areas in a welding helmet.

Switch between welding, grind and cut modes or adjust Shade, Sensitivity and Delay effortlessly with a tactile external analogue control module. This ADF also offers 9 memory settings for a versatile user experience.



WARRANTY PERIOD

3-year + 6 months extended conditional warranty. See terms and conditions at cigweld.com.au or in the Operating Manual, included with the helmet.



BLAX SERIES
P/N: WHAMXC080



FALLOUT
P/N: WHAMXC180

TECHNICAL SPECIFICATIONS

Viewing Area	104mm x 104mm = 104mm ²
Arc Sensors	5
Approved to AS/NZS	AS/NZS 1337.1 & 1338.1
ISO 16321 Rating	V1 (Previously EN379: 1/1/1/1)
Shade Range	4-8/9-14
Grinding Shade	3
OptiShade Technology	User Adjustable +/- 2 Shades
Gradual Mode	Yes (Dark to Clear)
Ultra View	Yes
Switching Speed	0.1ms
Memory Mode	Yes x 9
Harness Points	5
Digital Controls	Yes
Impact Rating	High Impact
Battery	Solar Assist 2 x CR2045 (Replaceable Battery)



PACKAGE CONTENTS

ARCMaster XC80 Welding Helmet

- Front Cover Lens Clear - WHCL145F (x 2) Fitted on Fallout
- Front Cover Lens Blue - WHCL145FB (x 1) Fitted on the BLAX
- Rear Cover Lens - WHCL108R (Spares x 1)
- Sweatband - WHSB04 (Fitted)
- ARCMaster XC Series Helmet Bag
- Operating Manual



CIGWELD Data Sheet
ARCMaster XC80 PDS V1-2024
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www.cigweld.com.au

