

CIGWELD

AN ESAB BRAND

MIG

TIG

STICK

PLASMA

GRIND



DESIGNED
& TESTED
IN AUSTRALIA
FOR OVER 100 YEARS

ARCMaster XC90F

AUTO-DARKENING WELDING HELMETS WITH FLIP-FRONT, NOD-DOWN LID

VIEWING AREA 118mm x 83mm = 99mm²



The ARCMaster XF90F's massive High-Impact Grinding window protects you and allows excellent vision when grinding. Ready to weld? A soft nod pivots the front lid down. The flip-front lid houses an ADF with one of the largest viewing areas in a flip-front welding helmet today and Shade-5 side-view windows for better peripheral vision, enhancing safety and awareness.

FLIP LID & EASY ADF REMOVAL



Easily switch between welding and high impact grinding with a smooth flip lid coupled with the easiest to remove ADF on the market – great for changing cover lenses easily!

OPTISHADE TECHNOLOGY



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

ULTRA VIEW



The XC90F 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.

XTRA CLARITY. IMPROVED QUALITY



Enjoy precise welding with our 1/1/1 Optical Clarity auto-lens helmet. See your work clearly for accurate welds every time.

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 on ADF = 3
- Flip-front design with high impact rated grinding lens
- Digital Sensitivity and Delay controls, fast reaction time
- Easy and quick to change cover lenses
- Magnification Frame (can be fitted with an optional CIGWELD magnification lens)
- Suitable for Plasma Cutting & Oxy-Welding Operations
- Fitted with a Bluelight outer lens – improves vision in low light areas, and reduces eye fatigue
- Positive lock-up 5-point head harness mechanism
- Lightweight: 780g
- Available in Matte BLAX Series & PREDATOR Graphic versions

AUTO-DARKENING FILTER

The ARCMaster XC90F 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 digital controls. 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: WHAMXC090F



PREDATOR
P/N: WHAMXC190F

TECHNICAL SPECIFICATIONS

Viewing Area	118mm x 83mm = 99mm ²
Arc Sensors	5
Approved to AS/NZS	AS/NZS 1337.1 & 1338.1
ISO 16321 Rating	V1 (Previously EN349: 1/1/1/1)
Shade Range	4-8/9-14
Grinding Shade (ADF)	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 CR2032 (Replaceable Battery)



5-Point Head Harness



PACKAGE CONTENTS

- ARCMaster XC90F Welding Helmet
- Front Cover Lens Clear – WHCL124F (Spare x2)
- Front Cover Lens Blue – WHCL124FB (Fitted)
- Rear Cover Lens (Spare x1)
- Sweatband – WHSB04 (Fitted)
- ARCMaster XC Series Helmet Bag
- Operating Manual



CIGWELD Data Sheet
ARCMaster XC90F PDS V1-2024
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www.cigweld.com.au

