

ADJUSTING THE FIT OF THE HELMET

The overall circumference of the headband can be made larger or smaller by rotating the knob on the back of the headband. This can be done whilst wearing the helmet and allows just the right tension to be set to keep the helmet firmly on the head without it being too tight.

If the headband is sitting too high or too low on your head, adjust the strap which passes over the top of your head. To do this release the end of the band by pushing the locking stud out of the hole in the band. Slide the two portions of the band to a greater or less width as required and push the locking stud through the nearest hole.

Test the fit of the headband by lifting up and closing down the helmet a few times while wearing it. If the headband moves while tilting, re-adjust it until it is stable.

ADJUSTING THE DISTANCE BETWEEN THE HELMET & THE FACE

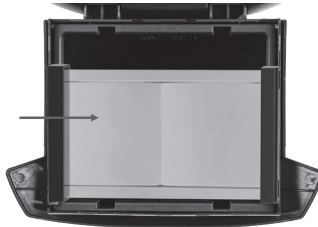
To adjust the distance from the welder's eyes to the filter lens use the two horizontal adjustments located left and right of the harness assembly.

To adjust the viewing angle position, release the two tabs from the notches on each side to adjust the angle up or down.

INSTALLING MAGNIFICATION LENS (OPTIONAL)**WARNING**

Before installing the magnification lens, ensure that the rear cover lens is in place.

1. Attach the magnification lens retainer clips included with the helmet on both sides of the magnification lens.
2. Attach the magnification lens in the lower half of the lens frame.

**ARCMaster PASSIVE WELDING HELMET**

Description	Part Number
1.50 diopter	454012
2.00 diopter	454010
2.25 diopter	454014
2.50 diopter	454011

SPARE PARTS

WHAMPAS10	Arcmaster XC10P Fixed Shade 11
WHAMPAS10IND	Arcmaster XC10P Fixed Shade 11 Bulk Pack (4Pk)
WHSB03	Sweatband (2Pk)
WHHK03	Harness Assembly (EA)
WHPL10	Fixed Shade 10 Lens 110mm x 90mm (EA)
WHPL11	Fixed Shade 11 Lens 110mm x 90mm (EA)
WHPL12	Fixed Shade 12 Lens 110mm x 90mm (EA)
WHCL95F	Front/Grinding Cover Lens (5Pk)

The auto-darkening filter (ADF) used in the Arcmaster XC10 (P/N: WHAMXC010/WHAMXC110) is compatible with the Arcmaster XC10P (P/N: WHAMPAS10/WHAMPAS10IND). To install, the existing lens frame must be removed and replaced with the ADF. However, this ADF is not available as a separate spare part and cannot be purchased individually.

CIGWELD

AN ESAB BRAND

ARCMaster XC10P

FIXED SHADE: 11

PASSIVE WELDING HELMET



CIGWELD OPERATING MANUAL
ARCMaster XC10P V1-2026



OPERATING MANUAL

ARCMaster XC10P P/N: WHAMPAS10

HIGH IMPACT
RATING

99.5mm²
LARGE VIEWING AREA

FLIP-N-NOD
LENS

SAFETY INSTRUCTIONS
AND WARNINGS**WARNING**

Read and understand this entire manual and your employer's safety practices before installing, operating, or servicing the equipment. While the information contained in this Manual represents the Manufacturer's best judgement, the Manufacturer assumes no liability for its use.

**ARC WELDING CAN BE HAZARDOUS**

Protect yourself and others from possible serious injury or death. Keep children away. Do not lose these instructions. Read operating manual before installing, operating or servicing this product.

**ARC RAYS CAN BURN EYES AND SKIN; NOISE CAN DAMAGE HEARING.**

Arc rays from the welding process produce intense heat and strong ultraviolet rays that can burn eyes and skin. Noise from some processes can damage hearing.

DECLARATION OF CONFORMITY

Manufacturer: CIGWELD
Address: 71 Gower St, Preston
Victoria 3072
Australia

Description of equipment: Safety Equipment.
CIGWELD Arcmaster Fixed Shade Welding Helmet.

National Standard and Technical Specifications

The product is designed and manufactured to a number of standards and technical requirements among them are:

- A. AS/NZS 1337.1:2010 Section 4 - Eye Protectors for industrial applications.
- B. AS/NZS 1338.1:2012 Filters for Eye Protectors.

* Extensive product design verification is conducted at the manufacturing facility as part of the routine design and manufacturing process, to ensure the product is safe and performs as specified. Rigorous testing is incorporated into the manufacturing process to ensure the manufactured product meets or exceeds all design specifications.

LIMITED WARRANTY

WARRANTY SCHEDULE - ARCMASTER
PASSIVE WELDING HELMET

CIGWELD reserves the right to request documented evidence of date of purchase.

CIGWELD SAFETY EQUIPMENT	WARRANTY PERIOD
Arcmaster XC10P Passive Welding Helmet	2 Years
ACCESSORIES	WARRANTY PERIOD
Cover Lenses	Fit for purpose
Sweat Band	Fit for purpose

**WARNING**

For the purpose of safety and performance and to protect your CIGWELD Equipment Warranty always use genuine CIGWELD replacement parts and accessories.

USER RESPONSIBILITY

This product will perform as per the information contained herein when installed, operated, maintained and repaired in accordance with the instructions provided. This equipment must be checked periodically. Defective equipment should not be used. Parts that are broken, missing, plainly worn, distorted or contaminated, should be replaced immediately. Should such repairs or replacements become necessary, it is recommended that such repairs be carried out by appropriately qualified persons approved by CIGWELD. Advice in this regard can be obtained by contacting an accredited CIGWELD Distributor.

This product or any of its parts should not be altered from standard specification without prior written approval of CIGWELD. The user of this product shall have the sole responsibility for any malfunction which results from improper use or unauthorised modification from standard specification, faulty maintenance, damage or improper repair by anyone other than appropriately qualified persons approved by CIGWELD.

PROTECTING YOURSELF
WHILST WELDING**WARNING**

Prior to welding check operation of the filter lens, if the lens does not darken DO NOT COMMENCE WELDING. If during welding the filter does not darken IMMEDIATELY STOP WELDING.

**WARNING**

The indicated filter lens shade numbers are minimum. If any discomfort is felt, higher shade numbers should be selected.

RECOMMENDED PROTECTIVE FILTERS FOR ELECTRIC WELDING

Description of Process	Approximate Range of Welding Current in Amps	Minimum Shade Number of Filter(s)
Air - Arc Gouging	Less than or equal to 400	12
	Less than or equal to 300	11
	300 to 400	12
	400 to 500	13
Flux-cored Arc Welding (FCAW) - with or without shielding gas	Greater than 500	14
	Less than or equal to 250	12
	250 to 350	13
	300 to 400	14
Gas Metal Arc Welding (GMAW) (MIG) - Aluminium and Stainless Steel	Less than or equal to 150	10
	150 to 250	11
	250 to 300	12
	300 to 400	13
Gas Tungsten Arc Welding (GTAW) (TIG)	400	14
	Less than or equal to 100	10
	100 to 200	11
	200 to 250	12
Manual Metal Arc Welding - covered electrodes (MMAW)	250 to 350	13
	Greater than 350	14
	Less than or equal to 100	8
	100 to 200	10
Plasma - Arc Cutting	200 to 300	11
	300 to 400	12
	400 to 800	14
	Greater than 400	13
Plasma - Arc Spraying	50 to 100	10
	100 to 400	12
	400 to 800	14
	—	15
Plasma - Arc Welding	Less than or equal to 20	8
	20 to 100	10
	100 to 400	12
	400 to 800	14
Resistance Welding	—	Safety Spectacles or eye shield
Submerged - Arc Welding	—	2 (5) *

ARCMASTER HELMET & LENS SPECIFICATIONS

Description	
Filter Lens	Fixed Shade 11
Filter Lens Dimensions	110mm x 90mm
Operating Temperature	-5°C to + 55°C
Storage Temperature	-2°C to + 70°C
Helmet Material	High Impact Resistant Polyamide
Cover Lens Material	High Impact Resistant Polycarbonate
Weight	400g