



ACE -4 Plus

Advanced Digital Lens Technology with 4 Independent Sensors Tig Capable, Grind Mode, Cutting Mode, Magnifying Lens Holder

Technical Data

Viewing Field	97mm x 60mm
Reaction Time	0.00005 sec (1/20,000)
Weld Mode:	Variable Shade: 8 -13
Cutting Mode:	Variable Shade: 5 - 8
Grind Mode:	Light State Shade 3
X-Mode:	Variable Shade: 8 -13
Sensitivity Setting	Adjusts for varying ambient light
Delay Control	Slows lens dark-to-light state 0.1 to 1.0 sec
Automatic Power Off	Shuts lens Off 15-20 minutes after last use
Low Battery Indicator	indicates 2-3 days remaining battery life.
Power Supply	CR2450 Lithium Battery
Sensors	4 x Independent
Operating Temperature	-10°C to 55°C
Total Weight	510.3g
Standards	ANSI Z87.1 / DIN / CE / TUV
Warranty	2 Years from Date of Purchase



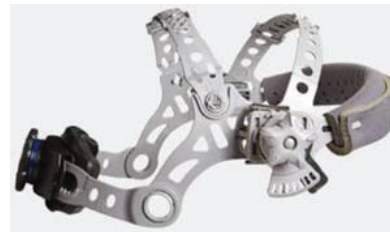
Available Colours



D42iw Lens



Ergonomic Headgear



Accessory Kit



Protective Lens Kit & Operating Guide

Overview

The ACE 4 PLUS is the ultimate helmet for all welding applications and is specifically designed to satisfy even the most demanding requirements. ACE 4 PLUS helmets feature four independent arc sensors and four Sensor Modes. Weld Mode: Features variable shade 8-13 and is TIG operable to 5 amps. Cut Mode: Ideal for PLASMA cutting with variable shade 5-8. Grind Mode: Light state of shade 3 and gives full face protection during grinding. X Mode: Electromagnetic sensing of the arc allows use outdoors eliminating sunlight interference and keeps the lens in shaded state when sensors are obstructed, low Tig amps, and when arc is partially hidden. The ACE 4 PLUS is a lightweight and comfortable design featuring an ergonomic head harness with a durable ratchet style tightening mechanism that provides precision vertical adjustment and the exclusive rear comfort cushion reduces fatigue and neck strain during long periods of use. The ACE 4 PLUS comes with built in magnifying lens holder and is supplied with an accessory pack of 5 outside and 2 inside cover lenses, helmet protection bag and the exclusive comfort cushion.

Digital Ace - Model D42iw

Part-No	Description
W-D42IW-S	ACE 4 Plus Helmet - D42iw Lens - Silver
W-D42IW-B	ACE 4 Plus Helmet - D42iw Lens - Black
W-D42IW-BL	ACE 4 Plus Helmet - D42iw Lens - Blue
W-301W-FCL	Front Cover Lens 132mm x 120mm
W-301W-ICL	Inside Cover Lens 106mm x 63mm
W-4000E-HB	Ergo Head Band Assembly
W-2000V-SB	Sweat Band
W-2000V-B	CR2450 Lithium Battery

W-301W-FCL
Front Cover Lens
132x120mm

W-301W-ICL
Inside Filter Lens Cover
106x63mm