BISON LIFE®
Designed For Safety. Value For Life.®

WeldVison®

W500 Air

Auto Darkening Welding Shield with Air Flow, Sided Lens, ADF900S & True Colour Technology

High-impact resistant, lightweight & strong made from Polyamide material.

Viewing Area 107 x 75 mm

UV/IR Protection



CE ANSI Z87.1

MMA | MIG/MAG | TIG | FLUX-CORED | PLASMA | GRIND



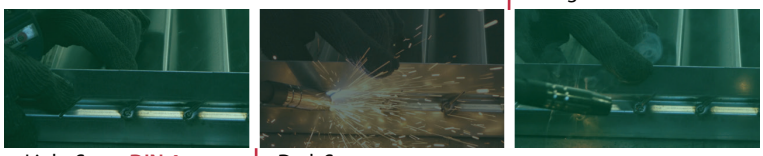
Inner Lens Cover
Impact resistance (120 m/s)
BISON LIFE 1 B CE



Outer Lens Cover
Impact resistance (120 m/s)
BISON LIFE 1 B CE



Switch time
0.04 ms. from Light to Dark

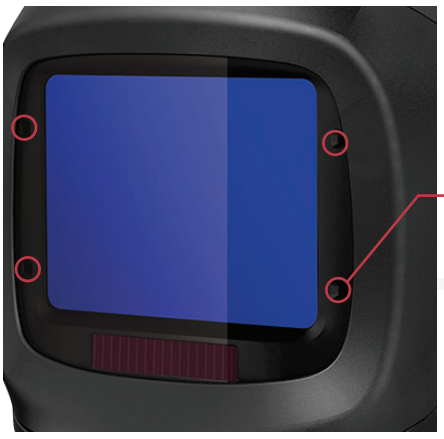


Light State DIN 4

Light State: DIN 4
Grind State: DIN 4

Dark State:
Welding DIN 9 to 13
Cutting DIN 5 to 8

Delay time
0.1 - 1 Sec. from Dark to Light



4 Sensors

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TRUE COLOUR TECHNOLOGY

LIGHT STATE





When not welding, the ADF restores true colors for a clear and comfortable view. You can adjust the welding machine without needing to remove the helmet.

DARK STATE





During welding, it enhances user visibility of the weld pool and seam, leading to more precise welding.

ADF900S

Auto Darkening Filter with True Colour Technology



Replaceable, 2 X CR2450 Lithium Battery

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ULTRA-WIDE
FIELD OF VIEW



BUILT-IN ULTRA WIDE
TRANSPARENT GRINDING WINDOW





Side Lens
IR5



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AIR FLOW
FOR WELDING SHIELD

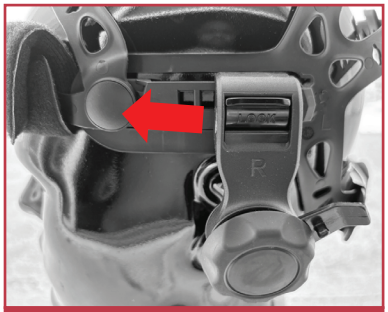




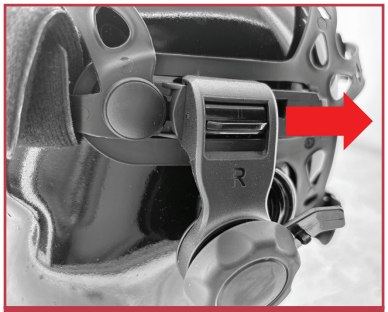
ADJUSTABLE HEAD HARNESS



Adjustable Head Harness



Front & Back Adjustment



Front & Back Adjustment (Distance between shield & Face of the welder)



Easy Lock system



Super Soft Ratchet Mechanism with Padding



Replaceable Sweat Band

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Product Specification

Optical Class	1 /1/1/1
Viewing Area	107 x 75 mm (4.21" x 2.95")
Cartridge Size	156 x 123 x 33 mm (6.14" x 4.84" x 1.30")
Arc Sensor	4
Light State	DIN 4
Grind State	DIN 4
Cutting Shade	Shade No. from 5 to 8
Welding Shade	Shade No. from 9 to 13
Shade Control	Internal, Digital Display Control
Power On / Off	Automatic On / Off
Sensitivity Control	Low ~ High, Digital Display Control
UV / IR Protection	Up to Shade DIN 13 at all times
Power Supply	Solar cell. Battery replaceable, 2 x CR2450 lithium battery
Switching Time	1 /25,000 s. from Light to Dark
Grinding	Yes
Delay (Dark to Light)	0.1 ~ 1.0 s, Digital Display Control
Low Amperage TIG Rated	≥ 2 amps (DC); ≥ 2 amps (AC)
Operating Temp.	-10 °C ~ +55 °C (23 °F ~ 131 °F)
Storing Temp.	-20 °C ~ +7o °C (- 4 °F ~ 158 °F)
Helmet Material	High Impact Resistance Nylon
Approved	CE EN ISO 16321-1:2022, EN ISO 1 6321-2:2022, ISO 16321-1:2021/Amd.1 :2024, ANSI Z87.1, Z94.3, AS/NZS 1338.1

Packaging Information

1 Piece / Box
8 Pieces / Carton
Box Dimension - 33x28.5x25.5 cm
Box Weight - TBD

SKU Information

Product SKU	Inner pack UPC
BLSH-FADWH-ASL-W500	810148535360

