

HORIZON 9-13

All new 9-13 Automatic helmet



The Horizon helmet has been designed to offer ideal functionality, performance and comfort whilst also offering exceptional reliability to all types of welders.

The welding ADF lens offers a high clarity of view, resulting in an excellent optical quality utilising the latest ADF technology. This, coupled with our latest true colour + technology offers a superior view of the welding environment

- Lightweight shell design. High impact resistance Nylon
- 98x48mm 1/1/1/2 – 9-13 ADF
- True colour ADF technology
- Externally activated grind mode button
- Ergonomic multiple adjustable headgear, with rear pivot pad

Visit www.universalppwelding.com for more information.

Horizon 9-13

FEATURES



SENSORS



EXTERNAL GRIND BUTTON



TRUE COLOUR +



VARIABLE SHADE ADF



COMFORT HEADGEAR



LARGE VIEWING AREA



CONVEX COVER LENS



LIGHTWEIGHT 490G



Ergonomic headgear



External GRIND button

Specifications / Technical Data

Cartridge Dimensions	110(W) x 90(H) x 9(T) mm
Viewing Area	98 x 48mm (3.85"x 1.88")
Lens Shade	DIN 9-13 (open state 4)
Power Supply	Solar Cells Batteries, 3V Lithium Batteries (CR2032 2EA, Replaceable)
Sensors	4
Switch Time @ 23C	0.1 - 0.2 ms
Optical Class	1/1/1/2
Standards	DIN EN379, AS/NZS 1338.1, ANSI Z87.1, CSA Z94.3
Delay Control Time	0.1 - 1.9 sec
Sensitivity / Delay Control	Internal
Lens Control	Auto-ON, Auto-OFF 15-20 minutes (when not on welding)
Grind Mode	Grind Mode selected via external switch
Battery Voltage Indicator	Yes
Operating Temperature	-5°C to + 55°C
Storage Temperature	-20°C to + 55°C
Shell Material	Nylon
Weight	490g

Ordering Information

Description	Part Number
Horizon 9-13 helmet complete	EP235-000-005-000
1. Headgear complete	AC235-000-005-000
2. Sweatband	AC236-000-005-000
3. Front cover lens	EP236-000-041-000
4. Inside cover lens	EP237-000-041-000
5. Lens retainer with screws	AC237-000-005-000
* Dioptr +1,0	EP158-000-041-D10
* Dioptr +1,5	EP158-000-041-D15
* Dioptr +2,0	EP158-000-041-D20
* Dioptr +2,5	EP158-000-041-D25

