

QUANTUM

All new 5-13 flip-up helmet



**Also available as PAPR solution*



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The Quantum helmet benefits the areas of welding preparation and improves grinding functionality. It does this by allowing a flip mechanism, which houses a ADF filter, to be lifted exposing a larger viewing/grinding visor window.

This allows the welder to remain fully protected with having to lift the entire helmet shell up exposing the face. This helmet is also available with a PAPR and hard hat system.

Features & Benefits

- High impact shell design. EN175 B & ANSI Z87+ impact test
- True colour ADF technology
- Side windows (shade 5) enhancing surrounding vision
- Ergonomic multiple adjustable headgear, with rear pivot pad and upright lock position
- 107x75mm view 1/1/1/1 – 5-13 ADF – Best optical class
- Clear interface design – x 3 mode options: Grind, Cutting and Weld
- Easy operation – Soft touch select buttons for function / mode adjustment



Flip-up Feature

Flip-up Feature Design



Flip "DOWN" for welding mode

Flip "UP" for grinding mode



Large view for grinding 20cm x 12cm anti-fog curved lens

Specifications / Technical Data

Cartridge Dimensions	156 x 123 x 33mm (6.14" x 4.84" x 1.30")
Viewing Area	107 x 75mm (4.21" x 2.95")
Lens Shade	DIN 5-13 (open / grind state 4)
Power Supply	Solar cells. Replaceable batteries, 2 x CR2450 Lithium-ion
Sensors	4
Switch Time @ 23C	1/25,000 s. from Light to Dark
Optical Class	1/1/1/1
Standards	DIN CE EN379, ANSI Z87.1, AS/NZS
Delay Control Time	0.1 - 1.0 sec digital display control
Sensitivity / Delay Control	Internal
Lens Control	Auto-ON, Auto-OFF 15-20 minutes (when not on welding)
Grind Mode	Yes
Battery Voltage Indicator	Yes
Operating Temperature	-5°C to + 55°C
Storage Temperature	-20°C to + 55°C
Shell Material	High impact resistance nylon
Weight	550g

Ordering Information & Spares

Description	Part Number
* Quantum Helmet Complete	EP263-000-005-000
A Front Lens Holder	AC429-000-005-000
B Front Cover Lens	EP264-000-041-000
C Auto Darkening Cartridge	EP265-000-005-000
D Inside Cover Lens (107x80x1mm)	EP266-000-005-000
E Grind Visor Holder	AC430-000-005-000
F Grind Visor (Anti-fog)	EP267-000-005-000
G Helmet Shell	EP268-000-005-000
H Side Lens Covers	EP269-000-005-000
H Side Lens	EP270-000-005-000

Ordering Information & Spares

Description	Part Number
I Headgear	AC431-000-005-000
I-1 Front Sweatband	AC432-000-005-000
I-12 Rear Sweatband	AC433-000-005-000
J Concept Hard Hat (White)	HH913-000-033-000
* Hard Hat Adapter Quantum only	AC445-000-005-000
* Replacement Battery CR2450	AC399-000-000-000
* Dioptre +1,0	EP158-000-041-D10
* Dioptre +1,5	EP158-000-041-D15
* Dioptre +2,0	EP158-000-041-D20
* Dioptre +2,5	EP158-000-041-D25

