

QUANTUM

The Combined Welding & Grinding Solution



Quantum Helmet
EP263-000-005-000

Quantum PAPR
RP158-000-005-000



The Quantum Air PAPR system combined with the Quantum helmet, offers heavy duty protection from welding fume and grinding dust. A large viewing/grinding visor window allows the welder to remain fully protected without exposure to the face, whilst also giving excellent field of view.

Contact sales on **0121 555 7167** or email: sales@universalppe.co.uk



QUANTUM Flip-up Design

Side windows

Shade 5 lens on both sides, to enhance surrounding vision, making a safer environment.



TRUE
COLOUR +

Large viewing area ADF

107mm x 75mm
(4.21" x 2.95")
1/1/1/1 Optical class.

Flip-up design

Easy lift spring loaded flip-up to switch between grinding and welding applications with ease.

Pivot headgear

Adjustable pivot design, well-balanced for maximum comfort. Lock function in the upright position.

Large view for grinding

20 x 12cm area, large transparent grinding lens with anti-fog. Easily replaceable.



Helmet features:

- 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 on ADF

For use in a wide range of applications:



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QUANTUM Respiratory Protection



One button function

Press once/hold for on/off and adjust the air flow. 1. Power On/Off



Two speed air flow

Low speed: 170+ l-min
High speed; 210+ l-min



Low filter alarm

LEDs increase when filter becomes clogged, when warning lights flash it's time to change the filter



Low battery alarm

Display indicates the battery life



VIBRATION ALERT

PAPR features:

- User adjustable air flow 170/210 L/min – 2 stages
- Li Ion battery pack (up to 9hr duration @ 170L/min)
- Fast charging Lithium-Ion battery (1 hour)
- P3 filter and pre-filter
- Intelligent charger (EU & UK pins)
- Audio and Visual “vibration” blocked filter and low battery alarms
- LED air flow indicator
- Supplied with ‘comfort pad’ and shoulder harness
- CE EN 12941 TH3P with Quantum helmet

This system is TH3P certified in accordance with European standard EN12941: 1998/A 1:2004/A2:2008 TH3P



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The Complete Package



Quantum Helmet
with PAPER Complete Kit
RP158-000-005-000

- 1 x Quantum helmet (air-fed)
- 2 x CR2450 batteries (un-assembled with manual)
- 5 x Front cover lenses
- 2 x Inner lens
- 1 x Large inner grinding lens
- 1 x Front sweat band
- 1 x Rear sweat band
- 2 x Plastic pieces to block side windows
- 1 x Blower unit
- 1 x P3 filter (assembled)
- 1 x Pre filter (assembled)
- 1 x Spark screen (assembled)
- 1 x Standard battery (un-assembled)
- 1 x Charger (with UK pins only)
- 1 x User manual Quantum for air
- 1 x Waist belt (assembled)
- 1 x Air hose with proban cover
- 1 x Shoulder harness
- 1 x Air flow indicator

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Configurable Accessories



Extended Hood Protection

Clips on to the edge of the existing shell.

Part Number
AC460-000-005-000



Heavy Duty Front Cover Lens

Offers increased protection against heat for heavy duty applications.

Part Number
AC469-000-041-000



Extended Neck Protection

Clips on to the edge of the existing shell.

Part Number
AC461-000-005-000



Flame Resistant Bandana

Part Number
AC462-000-005-000



A1B1E1K1 Gas Filter

For protection against organic/inorganic vapours, to be used in combination with P3 Particulate Filter.

Part Number
RP160-000-005-000



Leather Belt for Quantum

Heavy duty leather belt for use with standard Quantum Air unit.

Part Number
AC459-000-005-000



Carbon/Odour Pre Filter

Removes unpleasant smells. To be used in combination with the P3 particulate filter.

Part Number
RP189-000-010-000



Quantum Kit Bag (Empty)

Part Number
AC434-000-005-000

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