

QUANTUM AIR

Powered Air Purifying Respirator



Control panel with adjustable air flow LED's



1020g blower unit & battery

Features & Benefits

The Quantum Air PAPR (Powered Air Purifying Respirator) system combined with the Quantum helmet, offers heavy duty protection from welding fume and dust when welding, gouging & grinding.

The unit features the latest in PCB Board technology, allowing the welder to adjust the air flow from 170 L/min to 210 L/min to suit the environment and application. This is highlighted by an LED airflow indicator on top of the unit. The Quantum Air is equipped with audio & visual blocked filter and low battery alarms, offering extra safety for the welder.

- User adjustable air flow 170/210 L/min – 2 stages
- Li Ion battery pack (up to 9hr duration @ 170L/min)
- P3 filter and pre-filter
- International intelligent charger (interchangeable pins)
- Audio/visual "vibration blocked filter and low battery alarms
- LED air flow indicator
- Supplied with 'comfort pad
- **CE EN 12941 TH3P with Quantum helmet**

Visit www.lincolnwelding.co.uk for more information.

QUANTUM Air

The QUANTUM PAPR unit is delivered complete and is ready to use. Contents include: Air unit with air hose and hose cover, battery, intelligent charger, comfort pad and P3 filter.

Kit Bag includes:

- QUANTUM helmet prepared for air
- QUANTUM PAPR unit with comfort pad
- Hose with Proban hose cover
- Battery & intelligent charger
- P3 Filter & pre-filter

QUANTUM Kit Bag

RP158-000-005-000



Specifications / Technical Data

Airflow Rate	Low speed: 170 l/min (6+cfm) High speed: 210 l/min (7.4+cfm)
Battery type	Rechargeable Li-ion battery
Battery Duration	9 hours (Standard battery, 170 l/min) 5-5 hours (Standard battery 210 l/min) 15 hours (Extended battery 170l/min) 9 hours (Extended battery 210 l/min)
Battery Charge Time	1 hour (Standard battery) 2 hours (Extended battery)
Battery Life	≥ 500 charges
Filter Efficiency	≥ 99.97%
Alarms	Visual, Audio & Vibration
Standards	DIN EN 12941 TH3P R SL NIOSH 42 CFR part 84 AS/NZS 1716
Operating Relative Humidity	< 90%
Operating Temperature	-5°C to + 55°C
Storage Temperature	-20°C to + 55°C
Weight (Blower unit & battery)	1020g

Ordering Information

Description	Part Number
* Quantum helmet prepared for air	RP157-000-005-000
* Quantum air PAPR unit	RP152-000-005-000
* Quantum helmet with air PAPR kit bag complete	RP158-000-005-000
B1. Blower unit body	RP153-000-005-000
B2. Fast-charging standard battery	AC420-000-005-000
B3. Particle Filter (P3 Filter)	RP154-000-033-000
B4. Pre-filter	RP155-000-033-000
B5. Spark screen	RP156-000-037-000
B6. Filter Cover	AC421-000-005-000
B7. Gas Filter (A1B1E1K1)	RP160-000-005-000
B8. Extended battery	AC436-000-005-000
C1. Shoulder strap	AC422-000-005-000
C2 Belt Cushion (including screws & washers)	AC423-000-005-000
D1 Air Hose Cover	AC424-000-005-000
D2 O ring	AC425-000-005-000
D3 Air Hose (including O-ring)	AC426-000-005-000
E Fast-charging battery charger	AC427-000-005-000
* Air Airflow indicator	AC428-000-005-000
F Quantum helmet shell with air duct	RP159-000-005-000
G Quantum helmet face seal	AC435-000-005-000

