

# MULTI-PURPOSE PROTECTION HOOD

## High Efficiency Filtration Air Supply



MPH1



MPH2



MPH3



The MPH hood is designed with a lightweight specialised fabric, innovative design, breathable dust-proof and anti-static material. The hood can be easily disinfected or cleaning using light detergent. Combined with Quantum Powered Air Purifying Respirator, providing full protection against airborne particles, vapours and mists. The MPH PAPR system is perfect for hospital, healthcare & pharmaceutical applications.

### Features



Ultrasonic soldering



Lightweight



Full size viewing area



Adjustable headgear

### Applications for Use

- Healthcare & Hospitals (COVID-19)
- Isolation Ward & Medical Observation
- Environment Disinfection
- Laboratory & Pharmaceutical Industry
- Food Processing
- Semiconductor Industry
- Electronics Manufacturing
- Surface Treatment (Polishing)
- Painting & Spraying

### Benefits



#### Higher safety level

CE EN12941 certified, TH2 respiration protection level. P3 filter with filtration efficiency up to 99.97%.



#### Extremely comfortable

Positive-pressure air supply, consistently provides filtered clean air to head a face of the wearer. Micro-positive pressure protects the wearer from respiratory resistance, avoiding stuffiness and facilitating respiration.



#### Anti-fog, more reliable

Clear vision without misting, ensuring smooth operation. Reduces visual obstruction, effectively improving work efficiency and communication.

### High Efficiency Airflow

#### Pre-filter

Pre-filtering large diameter particles to extend the lifetime of P3 filter



#### Particle Filter (P3 Filter)

To prevent inhalation of dust, pollutants, fine particles as well as other contaminants

## Specifications / Technical Data – MPH Hood

<b>Product Name</b>	<b>Multipurpose Protection Hood</b>
Material	Barrier membrane of composite fabric, 87g/cm <sup>2</sup>
Seaming	Heat melting adhesive tap after sewing
Colour	White
Weight	150g
Standards	EN 12941

## Specifications / Technical Data – PAPR Unit

<b>Product Name</b>	<b>Powered Air Purifying Respirator</b>
Description	Powered Air Purifying Respirator (including main body, front cover, standard battery, shoulder strap, breathing tube, flow meter, protective hood)
Airflow	Minimum airflow: 165L/min Maximum airflow: 210L/min
Battery type	Rechargeable Li-ion
Charging time	1 hour for standard
Standards	DIN EN12941 TH2P R SL
Filtering efficiency	99.97%
Main body weight	1020g
Alarms	Visual, audio & vibration

## Ordering Information & Spares

Description	Part Number
MPH1 Complete System	RP175-000-005-000
MPH1 Hood	AC500-000-033-000
A1 Blower Unit Body	RP153-000-005-000
A2 Fast-charging Standard Battery	AC420-000-005-000
A3 Particle Filter (P3 Filter)	RP154-000-033-000
A4 Pre-filter	RP155-000-033-000
A6 Door Cover	AC491-000-005-000
A8 Extended Battery	AC436-000-005-000

## Ordering Information & Spares

Description	Part Number
B1 Shoulder Strap	AC422-000-005-000
B2 Belt Cushion (including screws & washers)	AC423-000-005-000
C1 Air Hose Cover White	AC490-000-033-000
C2 O Ring for Hose	AC425-000-005-000
C3 Air Hose (including O-ring)	AC426-000-005-000
D Fast-charging Battery Charger	AC427-000-005-000
* Air Flow Indicator	AC428-000-005-000

