

PUREFLO ESM+ PAPR – NOW EVEN MORE UNIQUE

P3 particulate filtration, fully integrated PAPR hard hat helmet, no external back packs, hoses and cables. **Now with sealed motor and electronics pod - Intrinsically Safe rated.**

Approved around the World, Pureflo offers wearers the ultimate in safety & comfort.

Safety from high efficiency P3 filtration, P3+Odour HF/SO₂ and the ABE1P3 option available. Fully approved hard hat and high impact optically correct 180° vision visor.

Comfort from having a fully balanced unit with soft touch neck seal. No waist belt holding clothing tight against the body; no snagging hoses and cables.

Used across nearly all Industries around the World.

You will find Pureflo protecting people in some of the most hostile environments in heavy industry to applications in agriculture, hospitals, laboratories and forensic units.



Do your employees need to wear respirators?

Make sure you check out the Pureflo ESM+ N.I.

Safe & Comfortable employees are happier and more productive.

Contact Em; Sales@otbproducts.com.au PH 1300 210 310

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Features and Benefits of Pureflo Helmets

Pureflo PF33ESM+ Powered Air Purifying P3

Respirators offering;-

- P3 High efficiency filtration respiratory helmet “all in one”. No cables, back pack or hoses – AS/NZS1716 Standards Approved.
- Continuous positive pressure flow. 220 l/m to minimum 170 l/m depending on filter selected
- Comfort neck seal.
- Optically correct 180° vision – High impact molten metal, chemical splash AS/NZS1337 Approved.
- Range of visors, radiant heat, solar tint, green shade 3/5 & Gold
- Over visors for low cost of ownership
- Full AS/NZS1801 Hard Hat Approved.
- Choice of filters High Efficiency
 - P3 particulate (dust, fume, mist, aerosol spray, viruses and bacteria).
 - P3 High efficiency + nuisance odour HF/SO₂,
 - ABE1P3 – Organic, inorganic and Acid gases/vapours with P3 High efficiency particulate.
- Choice of Hard Hat colours, White, Yellow, Hi Vis Yellow/green, Black with Carbon Fibre print and Aluminised.
- Quick release headband.
- 8 hour battery life (smart recharge 2.5 hrs)
- Low battery, LED and Audible warning
- Filter condition, LED and Audible warning
- Supplied complete and ready to go.
- **Australian StandardsMark Licensed to AS/NZS 1801, 1716 and 1337.**



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Pureflo specifications

Regulated airflow Normal 220 down to a min flow of 170 l/min

Head Size Range 54-61cm

Weight 1.5kg nominal

Protection Factor Laboratory 500
Assigned 40

Environmental range (storage and use) **Environmental Rating**, IP54 Cat 2 IP44

Humidity 0-90% storage and use (store out of direct sunlight)

Temperature Range Charging +5°C to +40°C
Use -5°C to +40°C
Storage +5°C to +40°C

Power supply

Battery Pack 4 cell, nominal 4.8V, capacity 1.8 Ah per pack

Battery life 8 hrs (normal airflow, two fully charged battery packs fitted)

Particulate Filter fitted **PR01182 (Spare Part No PR01022SP)**

7 hrs (normal airflow, two fully charged battery packs fitted)

Odour/Particulate Filter fitted PR01220 (Spare Part No PR01500SP)

7 hrs (normal airflow, two fully charged battery packs fitted)

ABE1P3 Org/inorg/acid gas/vapour + high efficiency Particulate.
Filter fitted / Spare Part No PR01025SP

Charging Method/Rate Mains charger, 2.5 hrs from fully discharged

Battery Charger

Mains Input 110-240 volts a.c. / 50-60Hz / 200 mA

Output 10 volts d.c. / 800 mA

Internal Fuse 630 mA

Operational temperature. +5°C to +40°C. Storage temperature.-40°C to +70°C

Environmental BS EN60529 Class IP30 (for indoor use only) Double Insulated

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