

# ADVANCED POWERED RESPIRATORY HELMET

The Pureflo ESM (Electronic Systems Management) powered respiratory helmet is the ultimate personal safety solution for industrial environments providing all-in-one, head, eye, face and respiratory protection against hazardous airborne contaminants, sparks, flying debris, chemical and molten metal splashes.

Two lightweight, rechargeable batteries slot easily into position within the helmet providing 8 hours or more of continuous operation. Batteries can be fully recharged within 2½ hours without removing them from helmet.

The high efficiency P3 filter prevents the inhalation of potentially harmful particulates, and liquid/solid aerosols from the surrounding atmosphere while the helmet/face-shield combination protects the head, eyes and face from impact or liquid splashes.

The adjustable neck cape maintains the positive pressure zone within the helmet and face-shield whilst offering additional protection to the lower face and neck.

The Pureflo ESM incorporates unique, state-of-the-art Electronic Systems Management to constantly monitor filter usage, fan delivery and battery performance, ensuring that the optimum airflow is maintained at all times.

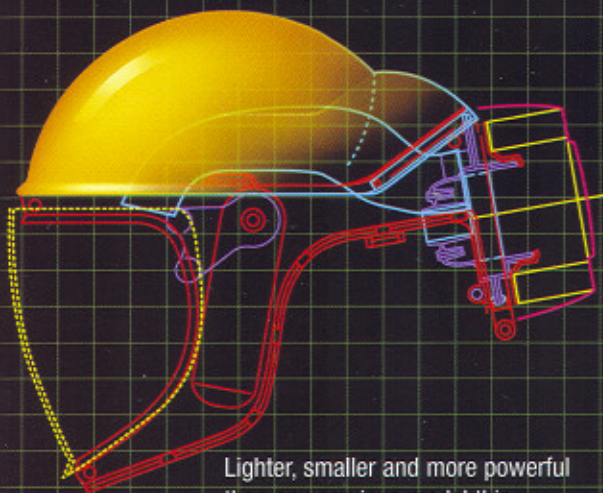
At a stroke this innovative, industry-proven system does away with the cost and inconvenience of supplying, stocking and maintaining separate safety helmets, bump caps, brow guards, face-shields, safety spectacles and goggles, dust masks, half and full face respirators.

Additional options, including a coated tinted visor, mesh visor, lamp bracket attachment, odour/vapour filter and radiant heat kit, extend the use of the versatile, multi-purpose Pureflo ESM in a wide range of industrial applications.



Applications include:

- Cement manufacture
- Ceramics
- Powder mixing
- Foundry
- Grain handling
- Laboratories
- Lead manufacture
- Metal working
- Oil refining
- Pharmaceutical
- Rubber and plastic manufacture



Lighter, smaller and more powerful than any previous model this unique, battery powered, positive pressure system delivers a constant, plentiful supply of clean air, to meet the demands of even the most arduous working conditions.

With no trailing leads or belt mounted attachments the Pureflo ESM is completely self-contained and more convenient to use, enabling the wearer to move freely from task to task without any restrictions – even in close working environments.



**Pureflo**<sup>®</sup>  
ESM