

FLO-POD™ POWERED RESPIRATOR SYSTEM



RESPIREX™

FLO-POD™ POWERED RESPIRATOR

The FLO-POD™ is a simple to use powered air respirator for use against fine dust, particulate spray or micro-organisms. Powered by a belt mounted battery pack the FLO-POD™ is designed to fit directly into the visor of compatible suits and hoods, allowing the user full operational freedom.

Designed from the outset to be comfortable and simple to use, the FLO-POD™ requires little familiarisation prior to use and is lightweight and quiet in operation.



6xAA Battery Pack

Rechargeable Battery Pack

-
- Low energy, low-noise turbo, designed for optimum flow with maximum comfort
 - No calibration required - Performs a full self-test on start-up
 - Four- or eight-hour rechargeable battery pack with fast charger, or 6xAA battery pack for up to four hours use (depending on battery brand/model)
 - Uses single P3 screw on filter
 - Low-flow warning if airflow drops below the Manufacturer's Minimum Design Flow (MMDF) of 130 L/min
 - Noise level at the ear 68dBA with a clean filter
 - EMC tested for compatibility with other electrical equipment
 - Intelligent fast charger (for rechargeable battery packs) prevents battery overcharging or damage (charging in up to three or six hours depending on battery model)
 - Low battery warning

Applications:

- Contagious diseases
- Nuclear decommissioning
- Pharmaceutical manufacture
- Asbestos removal

FLO-POD™ SUIT

A full body suit designed for use with the FLO-POD™ powered respirator incorporating a large visor for excellent all-round visibility. The fully sealed design provides excellent protection against blood borne pathogens and simplifies decontamination and doffing.

Manufactured in lightweight PE based particulate and viral barrier fabric with spun-bonded interior for comfort.

- Elasticated draw-string neck seal
 - Elasticated waist
 - Rear entry design, with a horizontal zip across the shoulders, with taped cover-flaps
 - Low pressure, balanced exhalation valves, developed for maximum protection
 - Fitted with welded Kembrok™ chemical and viral protective gloves for use with an outer pair of surgical gloves or gloves providing mechanical protection
 - Integral sock foot with splash guard outer leg for use with wearers own boots or shoes
 - Suit material is halogen free and safe for incineration
-

Certification:

- **Respiratory protective devices**, APF 40 NPF 500
EN 12941:1998 +A2:2008 TH3P
- **Type 3** [Liquid Tight]
EN 14605:2005+A1:2009
- **Type 4** [Spray Tight]
EN 14605:2005+A1:2009
- **Type 5** [Dust Tight]
EN 13982-1:2004+A1:2010
- **Type 6** [Limited Spray Tight]
EN 13034:2005+A1:2009
- **Infective Agents**
EN 14126:2003



P3 PARTICULATE FILTER

- P3 Particle filter traps solid and liquid particles, e.g. dusts, smoke, mists, micro-organisms and radioactive particles
- Uses microfibre 'paper' media without any electrostatic filtering method. Marked 'R' for "reusable" (EN 143/A1:2006)
- High capacity filter element removes even the smallest particles with >99.99 % efficiency
- Water-repellent (hydrophobic) filter element

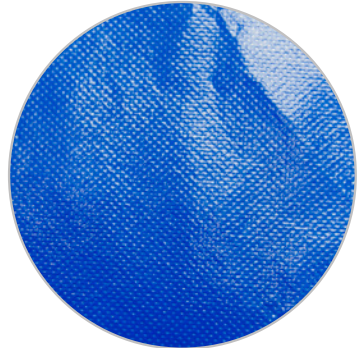


SUIT OPTIONS & ACCESSORIES



'Self-Don' version

With a front mounted zip across the chest and taped cover-flaps



Liquid Chemical Protection

Suit also available manufactured in Chemprotex™ 300 chemical barrier fabric



Emergency Breather

An additional P3 filter fitted is at the shoulder with a mouthpiece in the hood.



Filter Guard

A moulded cover set to reduce liquid ingress into the filter during use and simplify decontamination

PUSHER UNIT

The Pusher Unit is designed to provide a backup to a FLO-POD in the event of a depleted battery or fault.

The shoulder slung Pusher Unit includes a hose that clips to the front of the P3 filter on the wearers suit and incorporates a turbo with an integral single use battery pack. When activated this pushes air through the filter on the suit visor and into the suit hood, maintaining positive pressure and allowing the wearer to continue to work for up to 45 minutes.



DECONTAMINATION UNIT

The decontamination unit is a portable powered filtration system that clips onto the existing P3 filter on the FLO-POD™ suit visor and incorporates four filters that block acid gasses & vapours, such as dilute peracetic acid which is commonly used for decontamination. The decontamination unit is housed in a small water resistant housing that also holds a 4m air hose and clip to attach it to a FLO-POD™ P3 filter.

Before decontamination begins the decontamination unit is started and wearer of the suit clips the hose from the decontamination unit over their P3 filter, they are then decontaminated and keep the hose attached to the filter on their suit unit they doff the garment. The decontamination unit is then unclipped and can be used again immediately. With a battery life of eight hours the decontamination unit can be used multiple times in an incident, after which the hose & clip can be replaced.





RESPIREX™

Living + Breathing Personal Protection

FIND OUT MORE

For more details on our range of powered respirator suits call us on +44 (0)1737 77 86 00
or visit our website:

www.respirex.com