

# EU Type Examination Certificate

This is to certify that:

Helmet Integrated Systems Limited  
3 Commerce Road  
Stranraer  
DG9 7DX  
United Kingdom

Holds Certificate Number:

CE 689900

In respect of:

**Respiratory protective devices.  
To EN 12941:1998+A2:2008.  
Powered filtering devices incorporating a hood, helmet or welding shield.**

on the basis that BSI carried out the relevant Type Examination procedures under the requirements with the Regulation (EU) 2016/425 of the European Parliament and Council relating to Personal Protective Equipment Regulation (PPE) Annex V (Module B) and meets the relevant health and safety requirements specified in Annex II

For and on behalf of BSI, a Notified Body for the above Regulation (Notified Body Number 2797):

Previous Notified Body: BSI 0086

First Issued: 2019-11-26

Latest Issue: 2020-05-19

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Drs. Dave Hagenaaars, Managing Director

Effective Date: 2020-05-19

Expiry Date: 2024-11-26

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# EU Type Examination Certificate

No. CE 689900

## Product details

**Product range:** Pureflo PF3000.  
**Product type:** Powered air respiratory devices incorporating a hood, hard hat or welding shield.  
**Models:** PF3000P  
PF3000H  
PF3000W

## Basic description

The Pureflo 3000 range of powered air purifying respirators are self-contained units designed to provide respiratory protection against solid and liquid aerosols. Additionally some models provide eye, face and over head protection against impact. These units are intended for use by personnel working in the general industrial and clean area environment.

The unit consists of main ABS framework fitted with fan/motor assembly; adjustable cradle and ratchet headband assembly. The framework has provision for the attachment of a face shield or welding shield assembly. The frame also provides housing for a battery. A duct attached to the framework provides filtered air over the face area of the wearer. Unit is fitted with a low flow warning indicator in form of an LED. A snap fit replaceable air filter is fitted to the back of the frame.

Pureflo PF 3000P is intended for use in pharmaceutical industry and laboratories. In addition to respiratory protection, this model provides upper torso protection from falling dust and spray

Pureflo PF 3000H is intended for general industrial use. In addition to respiratory protection this model provides head, face and Eye Protection.

Pureflo PF 3000W is intended for use in welding operation. In addition to respiratory protection this model provides head and face protection against sparks, splatters and heat and eye protection against intense bright light.

First Issued: 2019-11-26

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## Product Specification

## Product Assessments

The product assessments were conducted against the requirements of the English language versions (BS ENs) of the referenced Harmonized European Standards.

### Respiratory Protection

<b>Technical Specification</b>	Harmonized European Standard EN 12941:1998 + A2:2008 respiratory protective devices – powered filtering devices incorporating a helmet or hood
<b>EN 12941 classification:</b>	TH3P (for use against solid and liquid particulates only)

### Head Protection

<b>Technical Specification</b>	Harmonized European Standard EN 397:2012 + A1:2012 – industrial safety helmets
<b>EN 397 classification:</b>	Mandatory Clauses

### Eye Protection

<b>Technical Specification</b>	Harmonized European Standard EN 166:2001 – safety eyewear
<b>EN 166 classification:</b>	Optical Class – 1 Protection from high speed particles – B (medium energy impact) Protection against droplets and splashes of liquid - 3

### Welding Protection

<b>Technical Specification</b>	Harmonized European Standard EN 175:1997 – equipment for eye and face protection during welding and allied processes
<b>EN 175 classification:</b>	Mandatory clauses Protection from high speed particles – B (medium energy impact)

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## Assessed Accessories

Part Number	Description
PF3000-02-001	High Efficiency Particulate Air Filter (HEPA)
PF3000-03-011	Full hood with drawstring Chemdefend
PF3000H	Powered Air Purifying Respirator TH3P With Hard Hat And Face Shield
PF3000W	Powered Air Purifying Respirator TH3P With welding Shield
PF3000-03-085	Full hood with drawstring – Tychem - QC
PF3000-03-086	Full hood with drawstring – LSR silicone coated Nylon 66

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## Certificate Administration Details

**Manufacturers Technical File Reference:** PUREFLO PF3000P, PUREFLO PF3000H, PUREFLO PF3000W

## Certificate amendment record

Issue date	Comments	BSI Project No.
November 2019	First issue: Models Pureflo PF3000P.	2797:19:8901161
January 2020	Addition of PF3000H & PF3000W	2797:20:3090233
May 2020	Addition of part number PF3000-03-085 Tychem hood and PF3000-03-086 LSR silicone hood.	2797:20:3164556

**Note:** The Certificate Holder is responsible for ensuring that the Notified Body is advised of changes to any aspect of the overall processes utilised in the manufacture of the product, failure to do so could invalidate the Certificate in respect of product manufactured following the introduction of such changes.

## Certificate validity

The manufacturer is responsible for ensuring that the Notified Body is advised of changes to any aspect of the overall processes utilised in the manufacture of the product, failure so to do could invalidate this Certificate in respect of production following the introduction of such changes.

The validity of this Certificate is also dependent upon the maintenance of the EC Quality of Production by Monitoring System, PPE Module D, as referenced on BSI Certificate CE 01259.

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