

# UKCA Type Examination Certificate

This is to certify that:

3M United Kingdom Plc  
3M Centre  
Cain Road  
Bracknell  
RG12 8HT  
United Kingdom

Holds Certificate Number:

UKCA 753128

In respect of:

**Respiratory protective devices to EN 12941:1998+A2:2008**  
**Powered filtering devices incorporating a helmet or hood**  
**Models: Range based on the 3M™ Versaflo™ M-206/M-207 Faceshields**

On the basis that BSI carried out the relevant Type Examination procedures under the requirements with the Regulation 2016/425 on Personal Protective Equipment, as amended to apply in GB (PPE) Annex V (Module B) and meets the relevant health and safety requirements specified in Annex II.

For and on behalf of BSI, an Approved  
Body for the above Regulation  
(Approved Body Number 0086):



Shahm Barhom, Group Product Certification Director

First Issued: 2022-05-30

Latest Issue: 2023-08-04

Effective Date: 2023-08-04

Expiry Date: 2027-05-30



Page: 1 of 6

# UKCA Type Examination Certificate

No. UKCA 753128

## Product Specification

<b>Product Name:</b>	Headtop based Powered Air Respiratory Protective Systems
<b>Product Type:</b>	Powered air filtering devices incorporating an Industrial Bump Cap/Visor combination to additionally provide head, eye and face protection
<b>Models:</b> (standard industrial products)	3M™ Versaflo™ M-206/M-207 Faceshields - TR-302E+ systems 3M™ Versaflo™ M-206/M-207 Faceshields - TR-602E systems 3M™ Versaflo™ M-206/M-207 Faceshields - TR-602E-CX systems
<b>Technical Specification:</b>	Designated Standard EN 12941:1998+A2:2008 Designated Standard EN 166:2001 Designated Standard EN 812:2012

<b>EN 12941 classifications:</b>	TR-302E+ systems: TH3 TR-602E systems: TH3 TR-602E-CX systems: TH3
----------------------------------	--

<b>EN 166 classifications:</b>	<b>Visor/ Surround</b>	<b>EN 166 Attribute</b>	<b>Marking symbol</b>
	M-925 Visor (uncoated)	Optical class Protection against high speed particles, medium energy impact at extremes of temperature Protection against molten metal and hot solids	1 BT 9
	M-927 Visor (coated)	Optical class Protection against high speed particles, medium energy impact at extremes of temperature	1 BT
	M-920 Surround	Protection against high speed particles, medium energy impact at extremes of temperature Protection against droplets and splashes of liquids Protection against molten metal and hot solids	BT 3 9

<b>EN 812 classifications:</b>	<b>Mandatory attributes plus following option:</b>
--------------------------------	--

<b>Option</b>	<b>Marking Symbol</b>
Electrical properties	440 V (a.c.)

First Issued: 2022-05-30  
Latest Issue: 2023-08-04

Effective Date: 2023-08-04  
Expiry Date: 2027-05-30

# UKCA Type Examination Certificate

No. UKCA 753128

## Dust and Water Ingress Protection

### In Use Configuration

BS EN 60529:1992, Degrees of protection provided by enclosures (IP code)

Powered Air Turbo Unit	Protection Code Description	Code
TR-302E+	Dust protected	IP5X
	Protected against spraying water	IPX3
TR-602E and TR-602E-CX	Dust protected	IP5X
	Protected against spraying water in all directions	IPX4

### Decontamination configuration

BS EN 60529:1992, Degrees of protection provided by enclosures (IP code)

Powered Air Turbo Unit	Protection Code Description	Code
TR-602E and TR-602E-CX Turbo fitted with cleaning and storage plugs (no Filter or Battery Pack)	Dust tight	IP6X
	Protected against temporary water immersion	IPX7
TR-602E and TR-602E-CX Battery Packs fitted with cleaning cover	Protected against temporary water immersion	IPX7

### Electromagnetic Compatibility (EMC)

The Powered Air Turbo Units also comply with the requirements of the Electromagnetic Compatibility Regulation 2016.

First Issued: 2022-05-30

Latest Issue: 2023-08-04

Effective Date: 2023-08-04

Expiry Date: 2027-05-30

Page: 3 of 6

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.  
To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

# UKCA Type Examination Certificate

No. UKCA 753128

## Systems Components

The major components of each system are a 3M Versaflo Headtop with a 3M Breathing Tube and, as standard, a 3M Waist Belt mounted Powered Air Turbo complete with Battery and Filter(s).

## Components common to all systems:

### Headtop

The Versaflo M-206 and M-207 Headtops comprise of an Industrial Bump Cap type Faceshield with a lift-up Visor/Faceseal section incorporating either a clear coated or clear uncoated Visor.

The models are identical except that as standard the M-206 and M-207 are fitted with Comfort and Flame Resistant Faceseals respectively. In use the Faceseals are interchangeable.

### Breathing Tubes

Each system can be fitted with the BT-Series Breathing Tubes consisting of the BT-20S (lightweight, short/medium), BT-20L (lightweight, medium/long), BT-30 (self-adjusting) or BT-40 (heavy duty rubber) Breathing Tubes.

The Breathing Tubes incorporate a quick release connector which allows easy connection/disconnection to the Headtops.

### Connected Sensor Kit Headtop Accessory

The 3M Connected Sensor Kit HTP-1-KIT-CX for M-Series (Visor Sensor) is available for use as a retrofit accessory in M-Series Headtops with Powered Air Turbo Units TR-302E+, TR-602E and TR-602E-CX.

First Issued: 2022-05-30

Latest Issue: 2023-08-04

Effective Date: 2023-08-04

Expiry Date: 2027-05-30

Page: 4 of 6

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.

To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.  
A member of BSI Group of Companies.

# UKCA Type Examination Certificate

No. UKCA 753128

## Components of specific systems:

Systems incorporating a TR-302E+ Turbo Unit	
Batteries	
Description	Part No.
Standard Economy	TR-330
High Capacity	TR-332
Filters	
P R	TR-3712E
P R plus nuisance level Organic Vapour	TR-3802E
P R plus nuisance level Acid Gas (HF 10xTLV)	TR-3822E
Belts, Braces and Backpack	
Standard Belt	TR-325
Leather Belt	TR-326
Easy Clean Belt	TR-327
Backpack	BPK-01
Backpack	BPK-HD
Backpack	TR-927
Braces	TR-329/022-25-10

Systems incorporating a TR-602E Turbo Unit and TR-602E-CX Connected Turbo Unit	
Batteries	
Description	Part No.
Standard Economy	TR-630
High Capacity	TR-632
Filters	
P R	TR-6710E
A1P R	TR-6110E
A1B1E1P R	TR-6130E
A2P R	TR-6310E
P R plus nuisance level Organic Vapour and Acid Gas	TR-6820E
A2B2E2K1HgP R	TR-6580E
Belts, Braces and Backpack	
High Durability Belt	TR-626
Easy Clean Belt	TR-627
Backpack	BPK-01
Backpack	BPK-HD
Backpack	TR-927
Braces	TR-329/022-25-10

## Packaged variants

In addition to the products referenced on this Certificate the standard industrial products may also be sold as market specific packaged variants. Such variants will be differentiated and the Technical File(s) will be updated with the appropriate information.

## Kits and packouts

The products referenced on this Certificate may also be combined with other 3M products into a kit or packout. There will be no change to the product but the User Information may vary, in such instances the applicable Technical File(s) will be updated with the appropriate information.

First Issued: 2022-05-30

Latest Issue: 2023-08-04

Effective Date: 2023-08-04

Expiry Date: 2027-05-30

Page: 5 of 6

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.  
To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.  
A member of BSI Group of Companies.

# UKCA Type Examination Certificate

No. UKCA 753128

## Certificate Administration Details

### Technical File References:

System Component	Technical File
3M Versaflo M-206/M-207 Faceshields	TF0489
3M BT-20S/BT-20L, BT-30 and BT-40 Breathing Tubes	TF0137
3M Versaflo TR-302E+ Powered Air Turbo & Filters	TF0211
3M Versaflo TR-602E Powered Air Turbo and TR-602E-CX Connected Powered Air Turbo	TF0405
3M Versaflo TR-600/TR-800 Filters	TF0429
3M Connected Sensor	TF0662

### Certificate Amendment Record:

Issue date	Comments	BSI Review No.
May 2022	First issue	0086:22:3482827
August 2023	Administrative changes to remove all references to Jupiter systems, add BPK-HD and TR-927 backpacks.	0086:23:3918175

### Certificate validity

The Certificate holder is responsible for ensuring that the Approved 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.

The validity of the Certificate for the products is also dependent on the maintenance of the UKCA Conformity to Type Based on Quality Assurance of the Production Process, Annex VIII (Module D), as referenced on BSI issued Certificate UKCA 745215.

First Issued: 2022-05-30

Latest Issue: 2023-08-04

Effective Date: 2023-08-04

Expiry Date: 2027-05-30

Page: 6 of 6

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.  
To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.  
A member of BSI Group of Companies.