



**WN**<sup>®</sup>

威尼科技

**广州市威尼科技发展有限公司**

Weini Technology Development Co., Ltd

# 产品介绍

Product introduction

**#E-830V**



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型号 : E-830V  
model

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执行标准 : CE/EN149:2001+A1:2009  
Certificate

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产品说明 : FFP3/Filtering efficiency above 99%  
specification

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内盒尺寸 : 21x9x19CM  
Inner Box

毛 重 : 4.54KGS  
Gross Weight

外箱尺寸 : 47x44x40CM  
Carton

净 重 : 3.17KGS  
Net Weight

包 装 : 20pcs/box,20boxes/carton  
Package



### Conformity to Type based on Quality Assurance of the Production Process

This is to certify that:

WEINI TECHNOLOGY DEVELOPMENT CO., LTD  
No2 Xingye Road, Xicheng Industrial Zone  
Renhe Town, Baiyun District  
Guangzhou  
Guangdong  
510470  
China

Holds Certificate Number: CE 709480

In respect of:

**The manufacture of filtering half masks to EN 149:2001+A1:2009**

on the basis that BSI carried out the quality assurance assessment under the requirements with the Regulation (EU) 2016/425 of the European Parliament and Council relating to Personal Protective Equipment Regulation (PPE) Annex VIII (Module D)

Drs. Dave Hagenlaars, Managing Director

For and on behalf of BSI, a Notified Body for the above Regulation (Notified Body Number 2797);  
Previous Notified Body: BSI 0086  
First Issued: 2019-08-12  
Latest Issue: 2019-10-24

Effective Date: 2019-10-24  
Expiry Date: 2024-08-12

Page: 1 of 2

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BSI Group The Netherlands B.V., registered in the Netherlands under number 33264284, at John M. Keynesplein 9, 1066 EP Amsterdam, The Netherlands  
A member of BSI Group of Companies.



### Conformity to Type based on Quality Assurance of the Production Process

No. CE 709480

**Product manufactured at the following location:**

WEINI TECHNOLOGY DEVELOPMENT CO., LTD  
No2 Xingye Road, Xicheng Industrial Zone  
Renhe Town, Baiyun District  
Guangzhou  
Guangdong  
510470  
China

#### Product Specification

The products covered by the scope of this Certificate conform to the following standard:

Standard	Product Type
EN 149:2001+A1:2009	Respiratory protective devices - Filtering half masks to protect against particles

#### Certificate Amendment Record

Issue date	Comments	BSI Project No.
August 2019	First issue under PPE Regulation (EU) 2016/425.	0086:19:9752774

#### Certificate validity

The Certificate holder is responsible for ensuring that the Notified Body is advised of changes to any aspect of the overall process utilised in the manufacture of the products, failure to do so could invalidate the Certificate in respect of product manufactured following the introduction of such changes. The validity of the Certificate is also dependent on the maintenance of an ISO 9001 quality system certified by a recognized certification organisation.

First Issued: 2019-08-12  
Latest Issue: 2019-10-24

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### EU Type Examination Certificate

No. CE 709415

#### Product Specification – Flat Fold Particulate Half Masks

**Technical specification:** EN 149:2001+A1:2009 Respiratory protective devices – Filtering half masks to protect against particles  
Classification – Single shift NR

**Description:** The particulate respirators are designed to protect against solid and non-volatile liquid particles. Half masks are horizontal flat fold design, comprising of PP iron wire nose bridge, a sponge nose pad and are held on the face by a pair of natural rubber headbands. All models are single shift devices (denoted by the classification symbol NR). Some models incorporate a single, PP plastic exhalation valve, see details on models denoted by letter V.

**FFP Class** **FFP2** (without clogging option D)

**Models:** E-820 (mask with exhalation valve fitted)  
E-820C (mask with activated charcoal)  
E-820VC (mask with exhalation valve and activated charcoal)

#### Product Specification – Flat Fold Particulate Half Masks

**Technical specification:** EN 149:2001+A1:2009 Respiratory protective devices – Filtering half masks to protect against particles  
Classification – Single shift NR

**Description:** The particulate respirator is designed to protect against solid and non-volatile liquid particles. Half mask is a horizontal flat fold design, comprising of PP plastic wire nose bridge, a sponge nose pad and is held on the face by a pair of elastic headbands. Model is a single shift device (denoted by the classification symbol NR), and incorporates a single, PP plastic exhalation valve.

**FFP Class** **FFP3** (without clogging option D)  
**Model:** E-830V (mask with exhalation valve fitted)

First Issued: 2019-09-10  
Latest Issue: 2019-10-24

Effective Date: 2019-10-24  
Expiry Date: 2024-09-10

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**INSPEC**

56 LESLIE HOUGH WAY · SALFORD · GREATER MANCHESTER · M6 6AJ · UNITED KINGDOM  
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 Tel: +44 (0) 16 17 37 06 99 Fax: +44 (0) 16 17 36 01 01

**Test Report****EN 149 : 2001 + A1 : 2009**

Report no: 1.11.04.13

Client: INSPEC Representative Office  
 Room 515 Huawen Plaza  
 No. 999, West Zhongshan Road  
 Changning District  
 Shanghai 200051  
 China

Client order: TA11/0060

Order(s) received: 28 March to 5 April 2011

Manufacturer: Weini Technology Development Co., Ltd

Model(s): E-830V

Date(s) of tests: 28 March to 5 April 2011

**Conditions:**

This report shall not be reproduced except in full, without the written approval of INSPEC International Limited.

Opinions, comments and interpretations expressed herein are outside the scope of UKAS accreditation and shown in italics in this report. Any INSPEC interpretations are referenced in this report and copies are available upon request.

Tests marked **Ⓜ** are not included in the UKAS accreditation schedule for INSPEC.

Samples will be disposed of four weeks from the date of this report.

Signed:   
 Peter Threlfall, Laboratory Supervisor

Issued: 5 April 2011

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TESTING AND CERTIFICATION "OF PERSONAL PROTECTIVE EQUIPMENT AND QUALITY MANAGEMENT SYSTEMS  
 Registered Number 22183229 INSPEC International Limited Incorporated in England

INSPEC Test Report No: 1.11.04.13

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**Summary of assessment\***

Clause	Assessment
7.4 Packaging	NT
7.5 Material	Ltd
7.6 Cleaning and disinfecting	
7.7 Practical performance	NT
7.8 Finish of parts	NT
7.9.1 Total inward leakage	NT
7.9.2 Penetration of filter material: Sodium chloride	Fail
7.9.2 Penetration of filter material: Paraffin oil	NT
7.10 Compatibility with skin	
7.11 Flammability	Pass
7.12 Carbon dioxide content of the inhalation air	NT
7.13 Head harness	NT
7.14 Field of vision	NT
7.15 Exhalation valve(s)	Ltd
7.16 Breathing resistance	Ltd
7.17 Clogging	
7.18 Demountable parts	
9 Marking	NT
10 Information to be supplied by the manufacturer	NT

**Key**

	Highlighting shows the clauses requested for each model. Any other clauses were not requested.
Pass	Requirement satisfied.
Ltd	Testing was insufficient to completely verify compliance with clause. Refer to "Procedures / Result detail".
Fail	Requirement not satisfied. Refer to the "Result detail" section for more information.
NAs	Assessment not carried out.
NAP	Requirement not applicable.
NT	Requested but not tested due to early termination following failure.

\* Assessment relates only to those items tested in this report.

INSPEC Test Report No: 1.11.04.13

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**Product characteristics**

Property	Characteristic
Model	E-830V
Classification	FFP3
Exhalation valve(s)	Single
Use designation	NR

**Sample details**

Product	Quantity	Received	INSPEC no. (1X0238 +)
E-830V filtering half mask	60	18 March 2011	01 to 60

**Procedures**

Testing was performed in accordance with BS EN 149 : 2001 incorporating Corrigendum No. 1 (January 2003), and Amendment A1 (2009) unless otherwise specified below.

Unless stated otherwise, samples were tested in the condition as received at INSPEC.

7.16 Exhalation resistance was tested at a continuous flow of 150 l/min.

Following failures to clause 7.9.2. Penetration of filter material, testing was terminated at the request of the client.

**Result detail**
**7.5 Material**

Conditioning to 8.3.1 was not undertaken.

NAs

Samples 06 to 10, 17 to 19, 26 to 31, 33, 39, 40, 46 and 47 were conditioned in accordance with 8.3.2. None of the samples conditioned suffered collapse.

Pass

The effects of filter media release were not assessed. Manufacturer to certify.

NAs

**7.9.2 Penetration of filter material**
**Sodium chloride:**

Sample	Condition	Penetration (%)		
		After 3 mins	Max during exposure	
11	A.R.	5.28		Fail
12		0.52		Pass
13		0.13		Pass
20	S.W.			NAs
21		Not tested		NAs
22				NAs
26	M.S. + T.C.			NAs
27		Not tested	Not tested	NAs
28				NAs
Maximum permitted		1.0		

It was noted that the valve on sample 11 was raised and would not close fully on inhalation.

**7.11 Flammability**

Samples 44 and 45 (A.R.) and 46 and 47 (T.C.) were tested. None of the samples ignited.

Pass

**7.15 Exhalation valve**

There were no observed problems during limited testing of function in all orientations. See 7.16 for results.

Ltd

The valve was protected against dirt and mechanical damage by a shroud.

Pass

Inward leakage testing was not carried out.

NAs

There were no observed problems when assessing operation after high exhalation flow. See 7.16 for results.

Pass

Assessment of valve housing attachment was not tested.

NAs

**7.16 Breathing resistance**

Sample	Condition	Inhalation resistance (mbar)		Exhalation resistance (mbar)	
		At 30 l/min	At 95 l/min	At 160 l/min	
11	A.R.	0.43	1.47	2.30	Pass
12		0.33	1.34	2.53	Pass
13		0.46	1.53	2.56	Pass
17	T.C.	0.43	1.42	2.31	Pass
18		0.44	1.41	2.41	Pass
19		0.42	1.36	2.36	Pass
20	S.W.	Not tested		Not tested	NAs
21		Not tested		Not tested	NAs
22		Not tested		Not tested	NAs
38	A.R. + F.C.	0.47	1.46	1.99	Pass
39	T.C. + F.C.	0.43	1.34	2.23	Pass
40		0.31	1.32	2.10	Pass
Maximum permitted		1.0	3.0	3.0	Pass

**ANNEX**

This Annex comprises two sections.

- Estimates of the uncertainty of measurement. (1 page)
- Photographs of the product tested. (1 page)



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Annex Page 1

EN 149 : 2001 + (A1 : 2009)

Estimates of the uncertainty of measurement

Clause	Test	Uncertainty
7.9.1	Total inward leakage	± 4.7%
7.9.2	Penetration of filter material - Sodium chloride	± 4.7%
7.9.2	Penetration of filter material - Paraffin oil	± 5.0%
7.12	CO <sub>2</sub> content of the inhalation air	± 4.0%
7.16	Breathing resistance	± 1.8%
7.17.2	Breathing resistance after clogging	± 3.5%
7.17.3	Filter penetration after clogging - Sodium chloride	± 4.7%
7.17.3	Filter penetration after clogging - Paraffin oil	± 5.0%

Values expressed as a percentage (%) are relative.

It should be noted that the above values have not been taken into account when making assessment to the pass/fail criteria.

Weini Technology Development Co., Ltd's model E-830V Filtering half mask

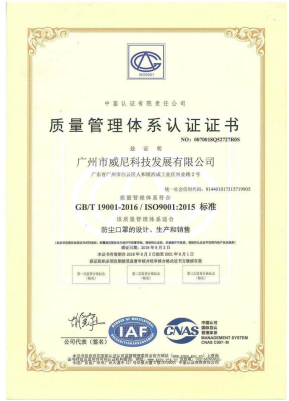
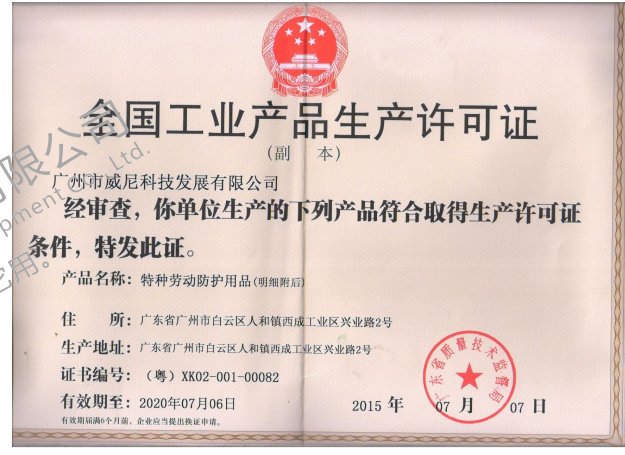


INSPEC Testing Services' sample number 1X023860

28 March 2011

# 公司资质

## Company Qualification





威尼科技

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