

**ID-No.com**<sup>®</sup>  
medical aid 

Kauf  
auf Rechnung  
in Einzelfällen  
möglich

**Angebot: FFP2 Masken**



## Atemschutz-Einwegmaske der Schutzklasse FFP2, inkl. weichem Schaumstoff-Nasenbügel



- Schutzklasse FFP2 (Schutz vor gesundheitsschädlichen Stoffen wie festen und flüssigen Stäuben, Rauch und Aerosolen)
- Geprüft und zertifiziert gemäß den Normen EN 149:2001 + A1:2009, CE 2163
- ✓ CE-Kennzeichnung
- ✓ 4-stellige Prüfnummer der notifizierten Stelle
- ✓ EU-Konformität
- ✓ Offizieller und eingetragener Hersteller
- ✓ Einzeln in Umverpackungen verpackt (600 Stk. pro Verpackungseinheit)
- ✓ Deutsche Beschriftung der Umverpackung
- ✓ Deutsche Gebrauchsanweisung
- ✓ PZN
- ✓ EAN-Code auf jeder Einzelverpackung

## Optimierte Passform



## Optimierter Tragekomfort:



## Einzel verpackt mit EAN / PZN-Code



## Deutsche Gebrauchsanweisung

auf jeder Einzelverpackung:



## Karton je 600 Masken





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**UNIVERSAL**  
CERTIFICATION  
**NB 2163**

## EU TYPE EXAMINATION CERTIFICATE

**Certificate No: 2163-PPE-994**

Respiratory protective devices, filtering half masks to protect against particles manufactured by  
**Shanghai Earntz Nonwoven Co., Ltd.**  
Building 3, No. 88, Jiangong Road, Jinshan District, Shanghai, China  
are tested and evaluated according to

**EN 149:2001 + A1:2009 Respiratory Protective Devices -  
Filtering Half Masks to Protect Against Particles -  
Requirements, Testing, Marking**

Based on the type examination conducted with the evaluation of test reports, technical file according to Personal Protective Equipment Regulation (EU) 2016/425 Annex 5, it is approved that the product meets the requirements of the regulation.

**Product Definition**  
**Brand Name:** EARNTZ **Model:** EZKZ01C  
Filtering half mask  
**Classification:** FFP2 NR

Here by the manufacturer is allowed to use notified body number (2163) and can fix CE mark, as shown below, on the Category III product models given above, with;

- Issuing an appropriate EU Declaration of Conformity according to **Personal Protective Equipment Regulation (EU) 2016/425 Annex 9.**
- Ongoing successful performance in fulfilment of the requirements set out in Personal Protective Equipment Regulation (EU) 2016/425 and harmonised standards, ensured by assessments based on **Annex 7 (Module C2) or Annex 8 (Module D)** of the regulation no later than 1 year from the beginning of serial production

This certificate is initially issued on 09/07/2020 and will be valid for 5 years, if there is no change in the relevant harmonised standard affecting the essential health and safety requirements.

  
**2163**

  
Suat KACMAZ  
UNIVERSAL CERTIFICATION  
Director




Verify the validity with the QR code

Necip Fazıl Bulvarı Keleş Sitesi E2 Blok No:44/84 Yukarı Dudulu Ümraniye - İSTANBUL - TÜRKİYE T:+90 216 455 80 80

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**NB 2163**

## CERTIFICATE OF CONFORMANCE

**Certificate No: 2163- PPE- 994/01**

Respiratory protective devices, filtering half masks to protect against particles manufactured by  
**Shanghai Earntz Nonwoven Co., Ltd.**  
Building 3, No. 88, Jiangong Road, Jinshan District, Shanghai, China  
Continues to fulfil the requirements of

**EN 149:2001 + A1:2009 Respiratory Protective Devices -  
Filtering Half Masks to Protect Against Particles -  
Requirements, Testing, Marking**

Based on the evaluation of test reports and internal quality control audit reports according to EN 149+A1:2009 and Personal Protective Equipment Regulation (EU) 2016/425 Annex VII (Module C2). This certificate implies that the manufactured products show below are in conformance with the approved EU Type Examination model and meets the requirements of the regulation.


**Product Definition**


Model	Class	EU Type Examination Certificate		
		Serial No	Date	Issuing NB No
EARNTZ / EZKZ01C	FFP2 NR	2163- PPE- 994	09.07.2020	2163


Here by the manufacturer is allowed to use notified body number (2163) and can fix CE mark, as shown below, on the Category III product models given above, with;

- Issuing an appropriate EU Declaration of Conformity according to **Personal Protective Equipment Regulation (EU) 2016/425 Annex 9.**
- Taking all measures necessary so that the manufacturing process and its monitoring ensure the homogeneity of production and conformity of the manufactured PPE with the type described in the EU type examination certificate.

This certificate is issued on 09/07/2020 and will be valid for one year, until 08/07/2021 if the manufacturer makes no major change in the product designs and manufacturing processes affecting the product performance on the essential health and safety requirement.

  
**2163**

  
Suat KACMAZ  
UNIVERSAL CERTIFICATION  
Director



Verify the validity with the QR code

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Technical Assessment of EN 149: 2001 + A1: 2009 Standard and other Standards it refers to, Clauses Corresponding to the (EU) 2016/425 Directive

Conforming to EN 149:2001 + A1:2009 Standard Requirements																																										
Article 5	Classification: Particle Filtering Half Mask The mask subject to evaluation based on the test results and technical file provided by the manufacturer is classified as: Filtering Efficiency and maximum Total Inward Leakage: Classified as FFP2 Mask is classified for single shift use, NR																																									
Article 7.4	Packaging: Particle filtering half masks are packaged to protect them from contamination before use and with cardboard boxes to prevent mechanical damage. The packaging design and the product is considered to withstand the foreseeable conditions of use based on the visual inspection results given in the test report.																																									
Article 7.5	Materials: Materials used in particle filtering half masks, according to the simulated wearing treatment and temperature conditioning results; it is understood it withstands handling and wear over the period for which the particle filtering half mask is designed to be used, it suffered mechanical failure of the fasteners or straps, any material from the filter media released by the air flow through the filter has not constituted a hazard or nuisance for the wearer. The manufacturer declares that the materials used in manufacturing of the mask does not have an adverse effect to the health and safety of users. Based on the test results, the masks did not collapse when subject to simulated wearing and temperature conditioning. No nuisance situation is reported during the practical performance tests by human subjects.																																									
Article 7.6	Cleaning and Disinfection: Particle filtering half mask is not designed to be as re-usable. No cleaning or disinfection procedure provided by the manufacturer.																																									
Article 7.7	<b>Practical Performance:</b> The test report indicates that the human subjects did not face any difficulty in performing the exercises while they were wearing by the sample masks, in walking test or work simulation tests. The wearers did not report any failure by means of head harness / straps/ earloops comfort, security of fastenings and field of vision. Also no imperfections reported during total inward tests about the comfort, field of vision and fastening issues. <table><tr><th>Assessed Elements</th><th>Positive</th><th>Negative</th><th>Requirements in accordance with EN 149:2001 + A1:2009 and Result</th></tr><tr><td>2.Head harness comfort</td><td>2</td><td>0</td><td rowspan="3">Positive results are obtained from the test subjects No imperfections</td></tr><tr><td>3.Security of fastenings</td><td>2</td><td>0</td></tr><tr><td>5.Field of vision</td><td>2</td><td>0</td></tr></table> <b>Conditioning:</b> (A.R.) As Received, original				Assessed Elements	Positive	Negative	Requirements in accordance with EN 149:2001 + A1:2009 and Result	2.Head harness comfort	2	0	Positive results are obtained from the test subjects No imperfections	3.Security of fastenings	2	0	5.Field of vision	2	0																								
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2.Head harness comfort	2	0	Positive results are obtained from the test subjects No imperfections																																							
3.Security of fastenings	2	0																																								
5.Field of vision	2	0																																								
Article 7.8	<b>Finish of Parts:</b> Particle filtering half masks, which are likely to come into contact with the user, do not have sharp edges and do not contain burrs.																																									
Article 7.9.1	<b>Total Inward Leakage:</b> The Total Inward Leakage test is conducted by 10 individual in an aerosol chamber with a walking band, and samples are taken during the conclusion of the exercises defined in the standard. The samples used in the test are subjected to the conditioning required in the standard as Temperature conditioning and as received. The face dimensions of the subjects are also reported. The measurement details for each subject and for each exercise are available in the test report. It was reported that: At least 46 out of the 50 exercise measurement results are smaller or equal to 11%; the values varies between 5.19 % and 10.45 %. At least 8 out of the 10 individual's arithmetic mean is smaller or equal to 8%; the values varies between 5.30 % and 8.22 %.																																									
	According to the reported results, the product meets the limits for FFP1 and FFP2 classification.																																									
Article 7.9.2	<b>Penetration of filter material: Sodium Chloride Testing</b> <table><tr><th>Condition</th><th>No. of Sample</th><th>Sodium Chloride Testing 95 L/min max (%)</th><th>Requirements in accordance with EN 149:2001 + A1:2009</th><th>Result</th></tr><tr><td>(A.R.)</td><td>#1</td><td>0.7</td><td rowspan="3">FFP1 ≤ 20 %</td><td rowspan="9">Filtering half masks fulfill the requirements of the standard EN EN 149:2001 + A1:2009 given in 7.9.2 in range of the FFP1, FFP2 classes.</td></tr><tr><td>(A.R.)</td><td>#2</td><td>0.6</td></tr><tr><td>(A.R.)</td><td>#3</td><td>0.5</td></tr><tr><td>(S.W.)</td><td>#4</td><td>0.5</td><td colspan="2" rowspan="3">FFP2 ≤ 6 %</td></tr><tr><td>(S.W.)</td><td>#5</td><td>0.6</td></tr><tr><td>(S.W.)</td><td>#6</td><td>0.5</td></tr><tr><td>(M.S. T.C.)</td><td>#7</td><td>1.0</td><td colspan="2" rowspan="3">FFP3 ≤ 1 %</td></tr><tr><td>(M.S. T.C.)</td><td>#8</td><td>1.0</td></tr><tr><td>(M.S. T.C.)</td><td>#9</td><td>1.1</td></tr></table> <b>Conditioning:</b> (M.S.) Mechanical Strength (T.C.) Temperature Conditioning (A.R.) As Received, original (S.W.) Simulated wearing treatment				Condition	No. of Sample	Sodium Chloride Testing 95 L/min max (%)	Requirements in accordance with EN 149:2001 + A1:2009	Result	(A.R.)	#1	0.7	FFP1 ≤ 20 %	Filtering half masks fulfill the requirements of the standard EN EN 149:2001 + A1:2009 given in 7.9.2 in range of the FFP1, FFP2 classes.	(A.R.)	#2	0.6	(A.R.)	#3	0.5	(S.W.)	#4	0.5	FFP2 ≤ 6 %		(S.W.)	#5	0.6	(S.W.)	#6	0.5	(M.S. T.C.)	#7	1.0	FFP3 ≤ 1 %		(M.S. T.C.)	#8	1.0	(M.S. T.C.)	#9	1.1
Condition	No. of Sample	Sodium Chloride Testing 95 L/min max (%)	Requirements in accordance with EN 149:2001 + A1:2009	Result																																						
(A.R.)	#1	0.7	FFP1 ≤ 20 %	Filtering half masks fulfill the requirements of the standard EN EN 149:2001 + A1:2009 given in 7.9.2 in range of the FFP1, FFP2 classes.																																						
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(M.S. T.C.)	#9	1.1																																								



Penetration of filter material: Paraffin Oil Testing						
Article 7.9.2	Condition	No. of Sample	Paraffin Oil Testing 95 L/min max (%)	Requirements in accordance with EN 149:2001 + A1:2009	Result	
	(A.R.)	#1	1.6	FFP1 ≤ 20 %	Filtering half masks fulfill the requirements of the standard EN EN 149:2001 + A1:2009 given in 7.9.2 in range of the FFP1, FFP2 classes.	
	(A.R.)	#2	1.5			
	(A.R.)	#3	1.5			
	(S.W.)	#4	1.6	FFP2 ≤ 6 %		
	(S.W.)	#5	1.5			
	(S.W.)	#6	1.6			
	(M.S. T.C.)	#7	1.9	FFP3 ≤ 1 %		
	(M.S. T.C.)	#8	1.8			
(M.S. T.C.)	#9	1.9				
Conditioning: (M.S.) Mechanical Strength (T.C.) Temperature Conditioning (A.R.) As Received, original (S.W.) Simulated wearing treatment						
Article 7.10	Compatibility with skin: In Practical Performance report, the likelihood of mask materials in contact with the skin causing irritation or other adverse effect on health was not reported.					
Article 7.11	Flammability:					
	Condition	No. of Sample	Visual inspection	Requirements in accordance with EN 149:2001 + A1:2009	Result	
	(A.R.)	#1	1.5 s	Filtering half mask shall not burn or not continue to burn for more than 5 s after removal from the flame	Passed	
	(A.R.)	#2	0 s			
	(T.C.)	#3	3.0 s			
	(T.C.)	#4	0 s			
	Conditioning: (A.R.) As Received, original (T.C.) Temperature Conditioning					
Article 7.12	Carbon dioxide content of the inhalation air:					
	Condition	No. of Sample	CO <sub>2</sub> content of the inhalation air (%) by volume	An average CO <sub>2</sub> content of the inhalation air	Requirements in accordance with EN 149:2001 + A1:2009	Result
	(A.R.)	#1	0.22	0.23 [%]	CO <sub>2</sub> content of the inhalation air shall not exceed an average of 1.0% by volume	Passed
	(A.R.)	#2	0.22			
	(A.R.)	#3	0.22			
	(A.R.)	#3	0.26			
	Conditioning: (A.R.) As Received, original					
Article 7.13	Head harness: In Practical Performance and TIL test reports no adverse effects have been reported for donning and removal of the mask also the results of these tests indicates that the ear loops / head harness are capable of holding the mask firmly enough.					
Article 7.14	Field of vision: In Practical Performance report, no adverse effects were reported for the field of vision availability when the mask is worn.					
Article 7.15	Exhalation Valve(s): The model under inspection have no valves.					
Article 7.16	Breathing Resistance: Inhalation					
	The overall evaluation in the figures gathered for 9 different samples 3 as received, 3 with temperature conditioning and 3 simulated wearing treatment conditioned complex with the limits given in the standard for FFP1, FFP2 and FFP3 classes. This is valid for inhalation results for 30 L/min, 95 L/min and exhalation at 160 L/min.					
Passed.						





# CE-Zertifikat und EU-Konformitätserklärung

UNIVERSAL CERTIFICATION	
Article 7.17	Chugging: This test is not applied to Particle Filtering Half Mask which is not reusable. <i>(For single shift use devices, the chugging test is optional test. For re-usable devices test is mandatory.)</i>
Article 7.18	Demountable Parts: There are no demountable parts on the product.
Article 8	Testing: All tests conducted according to Clause 8 of this standard is available in the test report and are evaluated in this report for qualification and classification of the mask.
Article 9	Marking - Packaging: Necessary markings are available on the product package (box). The manufacturer and its trademark is clearly visible. The type of the mask and the classification including the status of re-usability, the reference to EN 149:2001+A1:2009 standard, the end date of shelf life, using and storage instructions and pictograms and CE mark are available on the product package. The above evaluation is based on the technical document for packaging and marking, for box design. Verified on the Annex 9.1 of the technical file.  The technical documentation for mask design (drawing) also evaluated for marking requirements, drawing EZKZ01C. The mask template (drawing) indicates that the mask will carry information about the manufacturer / trademark (EARNTZ) of the manufacturer, Type of mask, the reference to EN 149+A1:2009 standard and classification including the re-usability of the mask. The manufacturer also printed CE mark with our Notified Body number. The mask do not have sub-assemblies. Even the tested sample by the laboratory do not carry necessary marking information as stated in the technical documentation, the manufacturer shall follow marking instructions for serial production. Model EZKZ01C drawing exists in the technical file of the manufacturer, Annex 6 of technical file.
Article 10	Information to be supplied by the manufacturer: In each of the smallest commercially available packaging of the product, implementation (installation instructions) pre-use controls, warning and usage limitations, storage and meanings of symbols / pictograms are defined. User instruction document in the technical file found to be appropriate, Annex 8. The manufacturer shall include this documented user information text in every smallest commercially available package.

PREPARED BY	APPROVED BY
Neslihan EKE BİRTÜRK PPE Expert	Suat KAÇMAZ General Manager

UNIVERSAL CERTIFICATION  
2163  
Notified Body

UPB-383 12.12.2018 Rev 01 Page 6/6

UNIVERSAL CERTIFICATION VE GÖZETİM HİZMETLERİ LTD. ŞTİ. Kayıp Tescim Merkezi, Necip Fazıl Bulvarı, E2 Blok, No:44/84 Y. Dudullu - Çarşıyolu - İSTANBUL T: +90 216 455 80 80 F: +90 216 455 80 08 info@universalcert.com

上海盈兹无纺布有限公司 Shanghai Earntz Nonwoven Co., Ltd. Add: No. 88 JIANGONG ROAD, JINSHAN DISTRICT, SHANGHAI, CHINA Zip: 201502 Phone: 021-57358082 Fax: 021-57358061 Email: earntz@126.com	
EARNTZ 盈兹	
EU-KONFORMITÄTSEKLRUNG	
Persönliche Schutzausrüstung:	
Marke: EARNTZ	
Name: Halbmaske filtern	
Modell: EZKZ01C	
Hersteller: Shanghai Earntz Nonwoven Co., Ltd, Gebäude 3, Nr. 88 Jian Gong Road, Jin Shan Bezirk, Shanghai, 201502 China	
Diese Konformitätserklärung wird in der alleinigen Verantwortung des Herstellers ausgestellt:	
Shanghai Earntz Nonwoven Co., Ltd.	
Der Gegenstand der oben beschriebenen Erklärung steht im Einklang mit den einschlägigen Harmonisierungsgesetzen der Union: Verordnung über persönliche Schutzausrüstung (EU) 2016/425.	
Die Erfüllung der einschlägigen Gesundheits- und Sicherheitsanforderungen in Anhang II wurde nachgewiesen.	
Die benannte Stelle: UNIVERSELLE ZERTIFIZIERUNG, Necip Fazıl Bulvarı Keyap Sitesi E2 Block Nr: 44/84 Yükan Dudullu, Ümraniye, İstanbul, Türkei Tel.: +90 216 455 80 80 Nummer der benannten Stelle: 2163 die EU-Typprüfung (Modul B) durchgeführt und die EU-Typprüfbescheinigung Nr. 2163-PPE-994 ausgestellt.	
Die PSA unterliegt der Konformität mit dem Typbewertungsverfahren auf der Grundlage der internen Produktionskontrolle sowie der überwachten Produktprüfungen in zufälligen Abständen (Modul C2) gemäß der Verordnung (EU) 2016/425 unter Überwachung der benannten Stelle UNIVERSAL CERTIFICATION, Nummer 2163 .	
Unterzeichnet für und im Auftrag von: JUNJIE HU , General Manager von Shanghai Earntz Nonwoven Co., Ltd.	

SHANGHAI EARNTZ NONWOVEN CO., LTD.  
2020

- MNS-Schutzmasken Typ I + IIR
- Antigen-Schnelltest
- Antikörper-Schnelltest
- Schutzkittel
- Nitril-Handschuhe
- Desinfektionsmittel
- SOS-ID-Chip mit digitalem Notfallpass  
(weitere Informationen dazu auf ID-No.com; Kurzvideo unter: [www.ID-No.com/pad](http://www.ID-No.com/pad))

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