



中国认可  
国际互认  
检测  
TESTING  
CNAS L0462

Ref. No.	ZBG2212D(BG)0101-000526-04(E)
Total pages	7

# TEST REPORT

Product Name: Silicone Keyboard

Type and Specification: K-TEK-M275TP-FN-BL-NV-EMC-151B

Test Category: Entrusted Test

Factory: Key Technology (China) Limited

Client: Key Technology (China) Limited



**CHINA CEPREI LABORATORY**

The 5<sup>th</sup> Electronic Institute of MIIT



## POINTS FOR ATTENTION

1. The report is invalid without " the Designated Seal for Inspection and Testing".
2. The duplicate report is invalid without "the Designated Seal for Inspection and Testing".
3. The report is invalid without the signature or the seal of the preparer, the reviewer and the approver.
4. The report is invalid if manually altered.
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# TEST REPORT

Product Name	Silicone Keyboard	Model/Type	K-TEK-M275TP-FN -BL-NV-EMC-151B
		Trade Mark	/
Factory	Key Technology (China) Limited	Test Category	Entrusted Test
Factory Address	Floor 7, Building S8, Fenggang Tianan Cyber Park, No. 208 Fenggang Section, Dongshen Road, Fenggang Town, DongGuan City, Guang Dong Province, P.R. China.		
Client	Key Technology (China) Limited		
Client Address	Floor 7, Building S8, Fenggang Tianan Cyber Park, No. 208 Fenggang Section, Dongshen Road, Fenggang Town, DongGuan City, Guang Dong Province, P.R. China.		
Number of products	3PCS	Date of receipt of products	2022.12.09
Specimen sender	Client	Date(s) of test	2022.12.20~2022.12.21
Ambient Condition	(23~25)°C; (51~53)%R.H; (100~101)kPa		
Test Item Description	Dust Test		
Test Standard	GJB 1945-1994<Military Computer Keyboard General Specification>* GJB150.12A-2009<Laboratory Environmental Test Methods For Military Equipment Section 12: Dust Test>		
Summary of Testing and Conclusions	<p>After test, the specimens appearance had no obvious damage, and the keyboard function was normal*.</p> <p style="text-align: right;">Test Department:  Issued Date: 2023/1/12</p>		
Remark	<p>&lt;Testing Schedule&gt; JT-WI-YF-0027*</p> <p>Detailed technical requirement is offered by client.</p> <p>Test items marked with * are not included in CNAS accreditation</p>		

Prepared by: 陈宇俊  
Date: 2023.1.12

Reviewed by:   
Date: 2023.1.12

Approved by:   
Date: 2023.1.12

Test Description and Specimen Description				
Test Address	No. 6, West of Sandongdadao Road, Huadu District, Guangzhou, Guangdong, China			
Description of the multiple test Address	/			
The Issuing Address of the Report	No. 78, West of Zhucun Road, Zengcheng District, Guangzhou, Guangdong, China			
Specimen Details: Visual evaluation was OK before test.				
Test Procedure and Description				
No.	Test Item	Product Name	Specimen No.	Test Date
1	Dust Test	Silicone Keyboard	M275TP-FN-BL-NV-EMC-151B-2022102600005 M275TP-FN-BL-NV-EMC-151B-2022102600006 M275TP-FN-BL-NV-EMC-151B-2022102600007	2022.12.20~2022.12.21
Specimens Distribution				
No.	Product Name	Type	Amount	Specimen No.
1	Silicone Keyboard	K-TEK-M275TP-FN-BL-NV-EMC-151B	3	M275TP-FN-BL-NV-EMC-151B-2022102600005 M275TP-FN-BL-NV-EMC-151B-2022102600006 M275TP-FN-BL-NV-EMC-151B-2022102600007

## 1. Dust Test

### 1.1 Test Specimen

No.	Product Name	Type	Amount	Specimen No.
1	Silicone Keyboard	K-TEK-M275TP-FN-BL-NV-EMC-151B	3	M275TP-FN-BL-NV-EMC-151B-2022102600005 M275TP-FN-BL-NV-EMC-151B-2022102600006 M275TP-FN-BL-NV-EMC-151B-2022102600007

### 1.2 Equipment used in the test

No.	Name	Type	SN	Due Date
1	Dust Blowing Test Chamber	CEEC-CC-4500	11-080	2022.06.29~2023.06.28

### 1.3 Test Standard

GJB 1945-1994<Military Computer Keyboard General Specification>\*

GJB150.12A-2009<Laboratory Environmental Test Methods For Military Equipment Section 12: Dust Test>

### 1.4 Test Condition

Test procedure: Procedure I Dust Blowing;

Dust content:  $10.6\text{g}/\text{m}^3 \pm 7\text{g}/\text{m}^3$ ;

Test direction: keyboard surface;

Firstly conduct dust blowing for 6h under  $23^\circ\text{C}$ , then adjust the temperature to  $60^\circ\text{C}$  and stabilize for 1h, and finally conduct dust blowing for 6h;

After the test, use test software to check the keyboard function\*.

### 1.5 Test Criterion\*

After test, the specimens appearance shall be no obvious damage, and the keyboard function shall be normal.

### 1.6 Test Photos



Fig.1 Specimens before test



Fig.2 Specimens mount



Fig.3 Test condition under 23°C



Fig.4 Test condition under 60°C



Fig.5 Specimens after test



Fig.6 Keyboard function check after test

### 1.7 Summary of Testing and Conclusions

After test, the specimens appearance had no obvious damage, and the keyboard function was normal.

### Test Instruments and Equipment List

No.	Name	Type	SN	Due Date
1	Dust Blowing Test Chamber	CEEC-CC-4500	11-080	2022.06.29~2023.06.28

Remark: All instruments and equipment used in the test are within the validity period of calibration.