

TEST REPORT

Report No. : BJ-R240124106A-EN

Test Item : IP65 Test、Drop Test

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1. Sample Information

Sample Name	Wearable Computer
Sample Model	ME10、ME10S、ME10P
Sample No.	BJ-R240124106A-1#~2#
Sample Size	/
Weight Of Sample	/
Sample Quantity	2 PCS
Manufacturer	/
Address	/
Sample Source	Commissioned units send sample
Inspection Type	Commissioning test
Sample Description	Sample appearance is good

2. Test Results

Test Items	Sample No.	Test Results
IP65 Test	2#	After test, there was no water and no dust enter the enclosure of the sample, and the function was normal.
Drop Test	1#	After test, the sample showed no obvious mechanical damage, and the function was normal.

3.IP65 Test

3.1 Laboratory Environment

Ambient temperature: $25\pm 3^{\circ}\text{C}$ Relative humidity: $55\pm 20\%\text{RH}$

3.2 Test Information

Sample No.	Received Date	Date Of Test(s)
BJ-R240124106A-2#	Jan.24,2024	Jan.24,2024~ Jan.25,2024

3.3 Test Equipment

Test Equipment	Equipment Model	Equipment No.	Calibration Date
Water proof test system	XM-IPX56	2017061511-03	Apr.13,2023
Dust test chamber	TL-SC-1000L	2023030901	Apr.13,2023

3.4 Test Standard

Test according to IEC 60529:1989+AMD1:1999+AMD2:2013 CSV
Consolidated version Degrees of protection provided by enclosures
(IP Code).

3.5 Test Conditions

3.5.1 IPX5 test

Nozzle inside diameter: 6.3 mm
Water flow: $(12.5\pm 0.625 \text{ L/min})$
Core of the substantial stream: circle of approximately 40 mm
diameter at 2.5 m distance from nozzle;
Test duration per square metre of enclosure surface area likely to be
sprayed: 1 min; minimum test duration: 3 min;
Distance from nozzle to enclosure surface: between 2.5 m and 3 m

3.5.2 IP6X test

The amount of talc powder in the test box is per cubic meter metric
test box volume 2 kg, talc powder filtered by metal square sieve,
wire diameter 50 μm , sieve hole size is 75 μm , test for 8 hours.

3.6 Test Photos

Before test

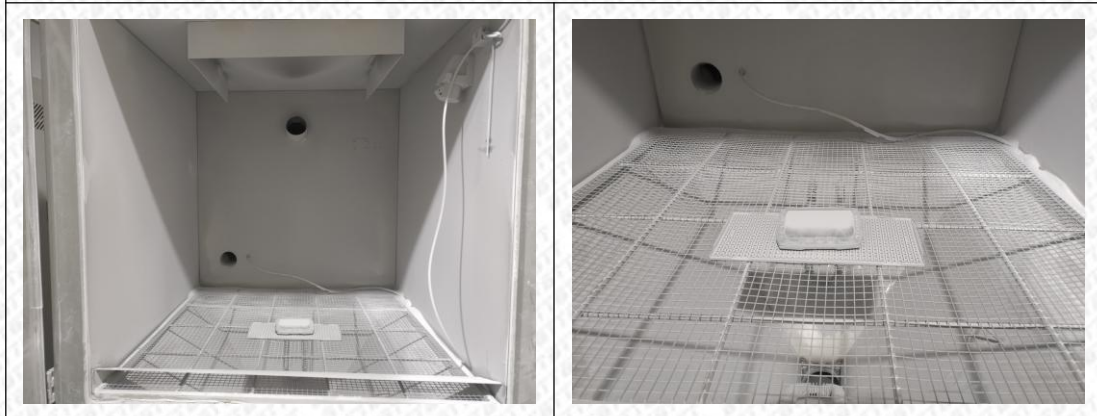


Test setup

IPX5



IP6X



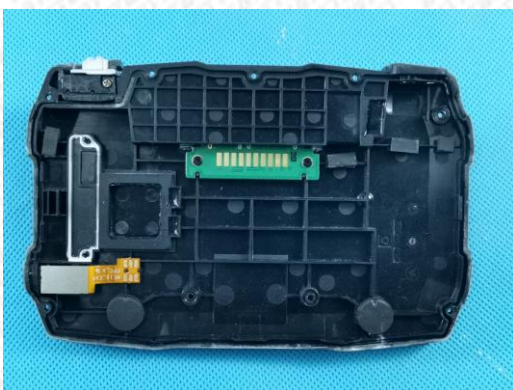
After test

IPX5



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IP6X



4.Drop Test

4.1 Laboratory Environment

Ambient temperature: $25\pm 3^{\circ}\text{C}$ Relative humidity: $55\pm 20\%\text{RH}$

4.2 Test Information

Sample No.	Received Date	Date Of Test(s)
BJ-R240124106A-1#	Jan.24,2024	Jan.24,2024

4.3 Test Equipment

Test Equipment	Equipment Model	Equipment No.	Calibration Date
Directional drop tester	XM-960	2017061508	Apr.13,2023

4.4 Test Standard

Test according to IEC 60068-2-31-2008 Environmental testing - Part 2-31: Tests - Test Ec: Rough handling shocks, primarily for equipment-type specimens.

4.5 Test Conditions

Height: 1.5 m

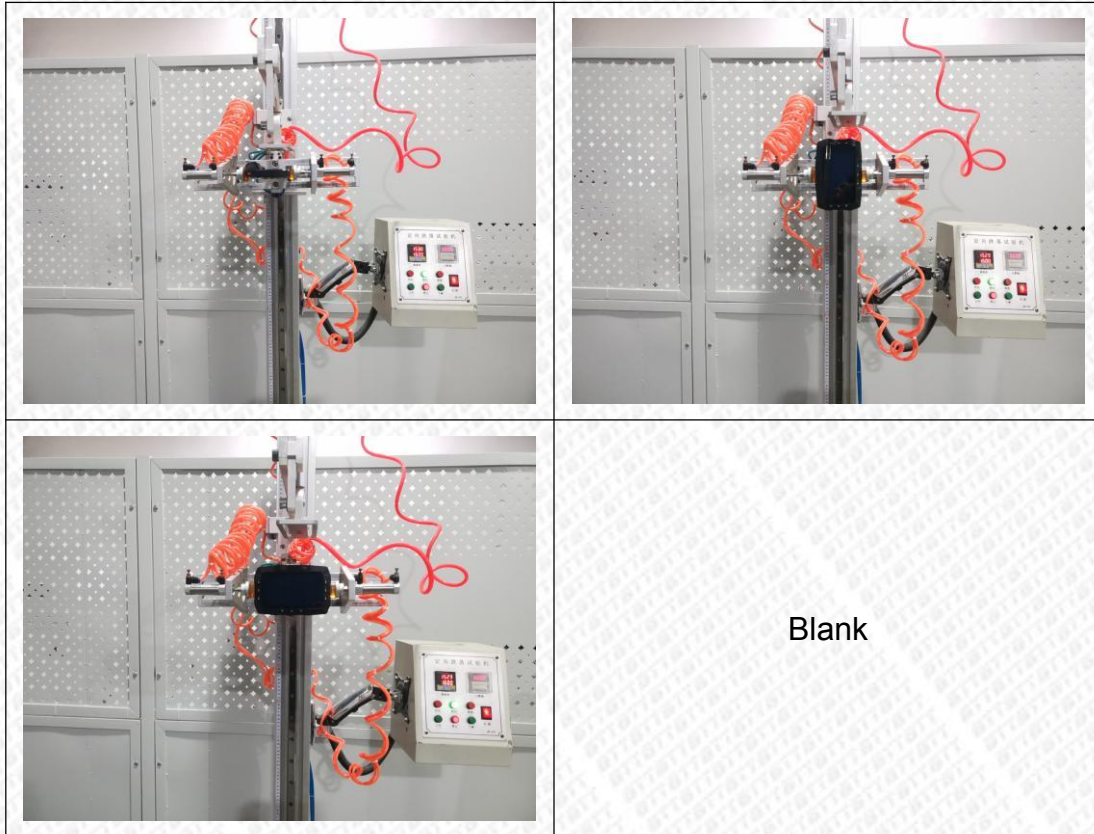
Drop surface: 6 faces, each faces dropped 2 times.

4.6 Test Photos

Before test

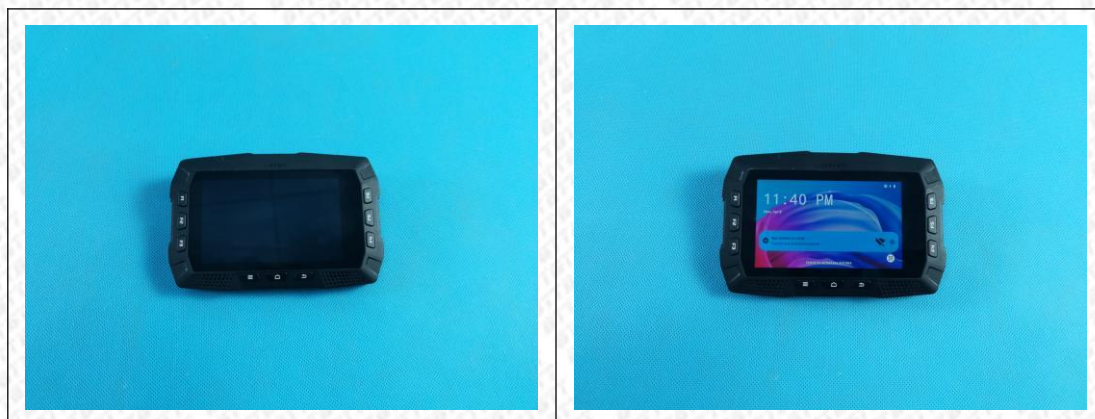


Test setup



Blank

After test



End of report