

TEST REPORT

Report No. : BJ-R230523105A-01-EN

Test Item : IP69K Test

Client : Shenzhen Huafurui Technology Co., Ltd.

Address : Unit 1401 & 1402, 14/F, Jinqi Zhigu Mansion (No. 4 Building of Chongwen Garden), Crossing of the Liuxian Street and Tangling Road, Taoyuan Street, Nanshan District, Shenzhen, P.R. China

Inspected Engineer: Liu Yuehui Date Of Approval: May 30, 2023

Reviewed Engineer: Luo Ningsheng Date Of Approval: May 30, 2023

Authorized Signatory: Zhang Jianbiao Date Of Approval: May 30, 2023

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1. Sample Information

Sample Name	Smartphone
Sample Model	KINGKONG STAR
Trade Name	CUBOT
Sample No.	BJ-R230523105A-1#~2#
Sample Size	/
Weight Of Sample	/
Sample Quantity	2 PCS
Manufacturer	Shenzhen Huafurui Technology Co., Ltd.
Address	Unit 1401 &1402, 14/F, Jinqi Zhigu Mansion (No. 4 Building of Chongwen Garden), Crossing of the Liuxian Street and Tangling Road, Taoyuan Street, Nanshan District, Shenzhen, P.R. China
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
IP6KX Test	1#	After test, there was no dust enter the enclosure of sample and the function was normal.
IPX9K Test	2#	After test, there was no water enter the enclosure of sample and the function was normal.

3.IP69K 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-R230523105A-1#~2#	May 23,2023	May 24,2023

3.3 Test Equipment

Test Equipment	Equipment Model	Equipment No.	Calibration Date
Dust proof test chamber	TL-SC-1000L	2023030901	Apr.13,2023
Hi-Temp. & Hi-Pressure Water Injection Test Chamber	TL-IPX9K-1000	2018102201	Apr.13,2023

3.4 Test Standard

Test according to ISO 20653-2013 Road vehicles - Degrees of protection (IP code) -protection of electrical equipment against foreign objects ,water and access.

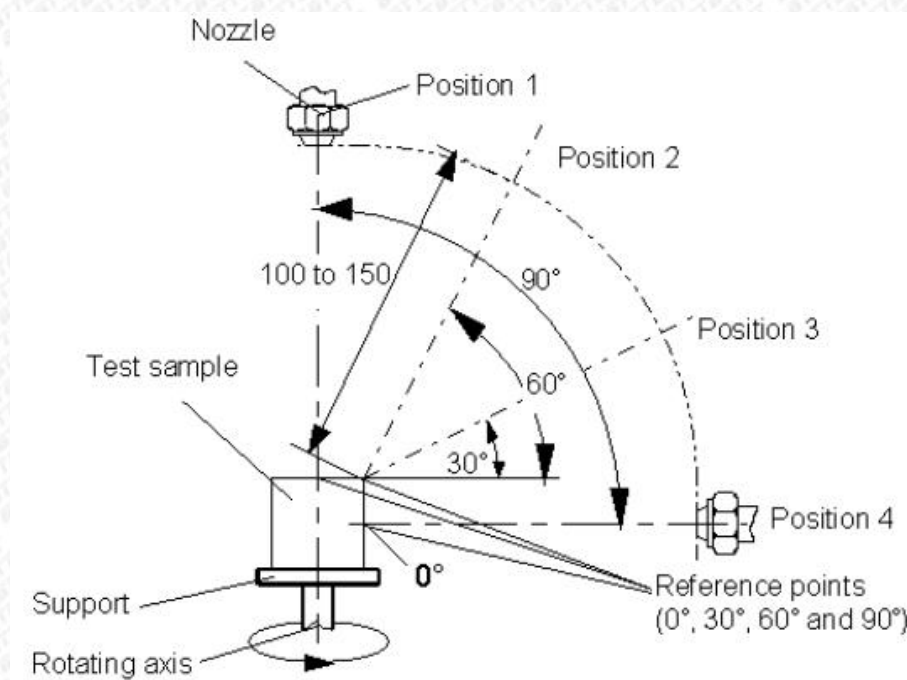
3.5 Test Conditions

3.5.1 IP6KX test

Dust type	Arizona dust
Dust amount	2kg/m^3
Test time	6s movement of the air-dust mixture, 15min break, 20 cycles

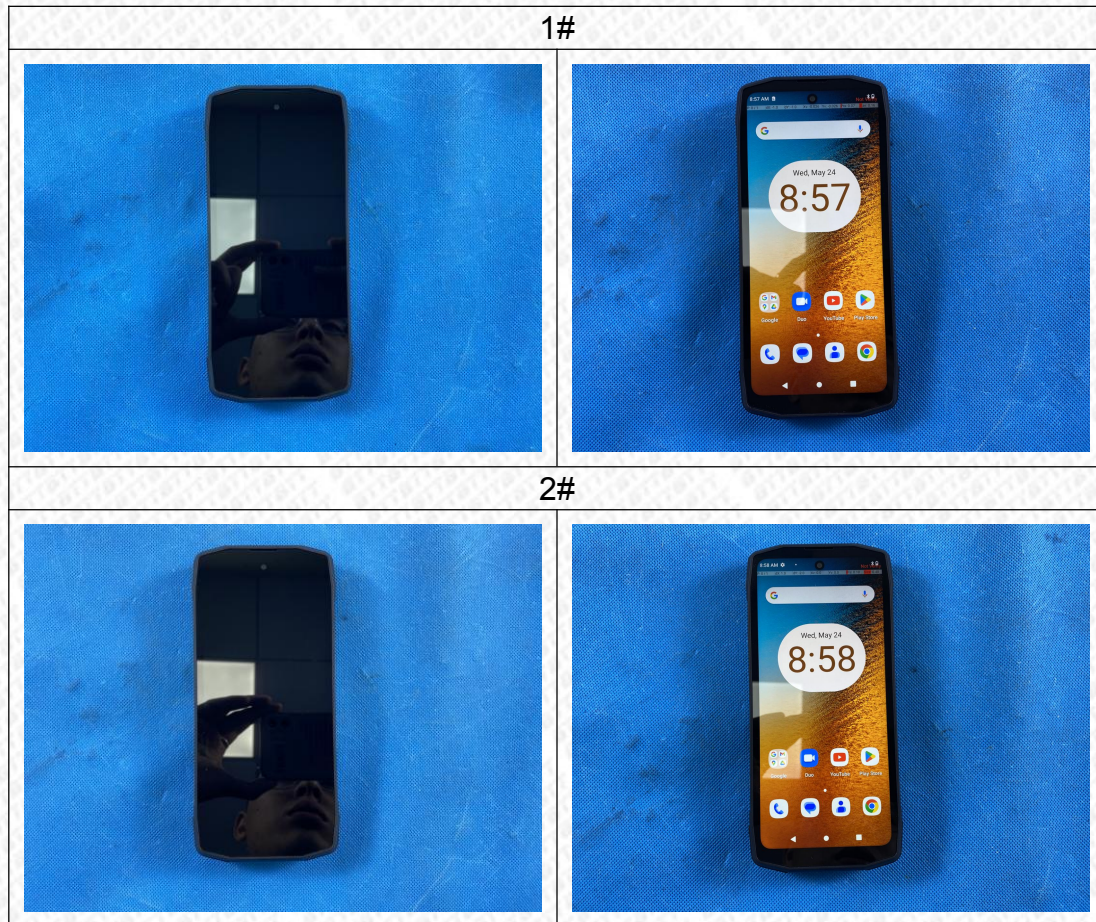
3.5.2 IPX9K test

Water temperature	$80 \pm 5^{\circ}\text{C}$
pressure	(8000~10000) kPa
Water flow	14~16L/min
distance	10~15cm
Angle and time	0° 、 30° 、 60° 、 90° 30 seconds per angle



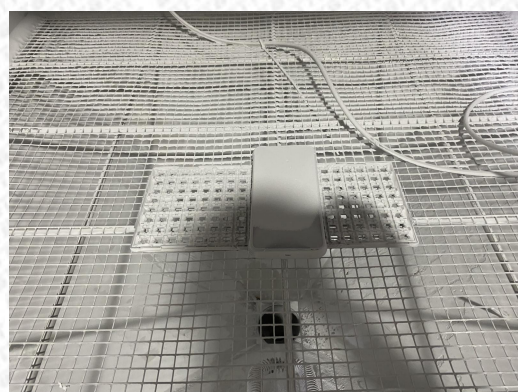
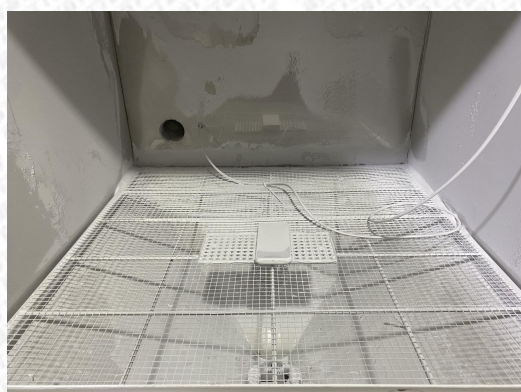
3.6 Test Photos

Before test



Test setup

IP6KX: 1#



IPX9K: 2#



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After test--IP6KX

1#



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After test--IPX9K

2#



End of report

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