

# TEST REPORT

Client Name	SHENZHEN SHENXINHUI ELECTRONICS Co.,LTD
Name of product	food thermometer
Manufacturer	SHENZHEN SHENXINHUI ELECTRONICS Co.,LTD
Model	CH-102
Test Sort	Commission Test



**CCIC SOUTHERN ELECTRONIC PRODUCT TESTING (SHENZHEN) CO., LTD.**

Address: Electronic Testing Building, No. 43 Shahe Road, Xili Jiedao, Nanshan District, 518055 Shenzhen, Guangdong, China


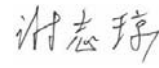

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**CCIC Southern Electronic Product Testing (Shenzhen) Co., Ltd.****TEST REPORT**

Name of product	food thermometer		Trade mark	----	
Manufacturer	SHENZHEN SHENXINHUI ELECTRONICS Co.,LTD		Model	CH-102	
Client	SHENZHEN SHENXINHUI ELECTRONICS Co.,LTD		Sampling method	Sent by Client	
Sampler	----		Amount of samples	----	
Sampling place	----		Quantity of samples	1 Pcs	
Production date	----	Sampling date	----	Application data	2018-3-23
Test date	2018-3-30		Environment condition	15-35°C, 45-75% RH	
Sample description:					
One sample, in good condition before test. Number: 1#.					
Test item:					
IP6X Dust-proof test, IPX6 Water-proof test.					
Reference documents:					
IEC 60529:1989+A1:1999+A2:2013 Degrees of protection provided by enclosures (IP Code).					
Summary:					
According to the requirement, sample has been performed,IP6X Dust-proof test, IPX6 Water-proof test. The appearance and function of sample are both normal after test, refer to followed report for detail.					
Test conclusion:					
Pass.					
(Stamp)					
Tested by:		Inspected by:		Approved by:	
	2018 Y 3 M 30 D		2018 Y 3 M 30 D		2018 Y 3 M 30 D

**Test Result**



No.	Test Item	Test Requirement	Test Result
			1#
1	IP6X Dust-proof test	Test items 1	Pass
2	IPX6 Water-proof test	Test items 2	Pass

**Test Result**



## Test items 1: IP6X Dust-proof test

### Environmental conditions:

Temperature: 15-35 °C, Humidity: 45-75 %RH.

### Reference documents:

IEC 60529:1989+A1:1999+A2:2013 Degrees of protection provided by enclosures (IP Code).

### Test arrangement:

In strict accordance with the experimental requirements of the layout.

### Sample state:

Sample in good condition before test.

### Test conditions:

#### Dust-proof Test Against ingress of solid foreign objects:

The talcum powder used shall be able to pass through a square-meshed sieve the nominal wire diameter of which is 50  $\mu$  m and the nominal width of a gap between wires 75  $\mu$  m. The amount of talcum powder to be used is 2kg per cubic metre of the test chamber volume. It shall not have been used for more than 20 tests.

#### Dust-proof Test Against access to hazardous parts with (non-protected):

The access probe of 1.0mm  $\varnothing$  shall not penetrate.

### Test acceptance requirements:

After the dust-proof test, Normal operation.

### Test conclusion:

Pass.

**Test Result**

## Test items 1: IP6X Dust-proof test

**Photo:**



**Test Result**



## Test items 2: IPX6 Water-proof test

### Environmental conditions:

Temperature: 15-35 °C, Humidity: 45-75 %RH.

### Reference documents:

IEC 60529:1989+A1:1999+A2:2013 Degrees of protection provided by enclosures (IP Code).

### Test arrangement:

In strict accordance with the experimental requirements of the layout.

### Sample state:

Sample in good condition before test.

### Test conditions:

- a. Diameter of spout: 12.5mm;
- b. Flux:  $100 \pm 5$  L/min;
- c. Hydraulic pressure: adjusted so as to have required flux.;
- d. Main stream: round stream with diameter of 120mm (away from the spout for 2.5m)
- e. Average test time: about  $1 \text{ min/m}^2$ ;
- f. Total test time: 3min at least;
- g. Distance from the spout to the shell of EUT: 2.5~3m.

### Test acceptance requirements:

After the water-proof test, no water founded in the EUT.

### Test conclusion:

Pass.

**Test Result**

## Test items 2: IPX6 Water-proof test

**Photo:**





### List of Measurement Equipments Used

No.	Description	Model No.	Serial No.	Cal. Due to
1	Pendular WaterProof Tester	KXT302	A1109744	2018.08.04
2	Sand and dust Tryout case	KXT1410	A1109245	2018.08.04
3	IP test suite	/	A150802193	2018.11.28

Notes: The above instrument is within the metering test cycle.





# STATEMENT

1. **The test report is invalid without stamp of laboratory.**
2. **The test report is invalid without signature of person(s) testing and authorizing.**
3. **The test report is invalid if erased and corrected.**
4. **Test results of the report is valid to the test samples if sampling by client.**
5. **“☆” item to be outside the scope of authorized by CNAS.**
6. **The test report shall not be reproduced except in full, without written approval of the laboratory.**
7. **If there is any objection to report, the client should inform issuing laboratory within 15 days from the date of receiving test report.**

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