

技術基準適合確認書

製品名称	デジタルルームミラー
製品型番	MDR-PRO1
試験分類	衝撃テスト
試験設備機器	インパクト試験機 GZST/YQ-DJ-22
試験委託機関	Guangzhou Shuntai Quality Technical Service Co., Ltd.
適用技術基準	ECE R46 6.3.2 衝撃テスト
試験結果	合格
試験成績書	委託試験成績書番号 SQT2211061
確認書発行元 (試験委託者)	昌騰有限会社 〒596-0821大阪府岸和田市小松里町2333-2

●本製品をご購入のお客様へ

車検の時に、検査官より本製品が道路運送車両の保安基準を満たしていることの確認を求められた場合は、本書(P.2以降の試験結果詳細含む)を提示してください。

本書(P.2以降の試験結果詳細含む)を、自動車検査証と一緒に大切に保管してください。

お問い合わせ先 **MAXWIN** 昌騰有限会社
製品お問い合わせ
URL: <https://maxwin.jp/contact/>



TEST REPORT

Applicant Name & Address: SHOUTO CO.,LTD
2333-2,Komatsurisato cho,Kishiwada city,Osaka Prefecture,Japan

Manufacturer Name & Address: SHOUTO CO.,LTD
2333-2,Komatsurisato cho,Kishiwada city,Osaka Prefecture,Japan

Product Name: Digital Rear-view Mirror

Model No.: MDR-PRO1

Variants: N/A

Trade mark: **MAXWIN**

Electrical Rating: 12V

Date Received: 16-November-2022

Date Test Conducted: 18-November-2022

Report No.: SQT2211061

Prepared by: Guangzhou Shuntai Quality Technical Service Co., Ltd.

Test Standard(s): **UN R.046-Supplement 8 to the 04 series**

Test Result: Pass

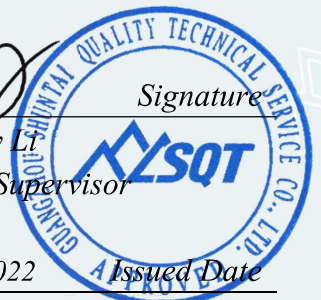
Conclusion: In the configuration tested, the EUT complied with the standards specified above.

Prepared and Checked By:

Approved by:

Sam Ye
Project Engineer

Lily Li
Technical Supervisor



28-November-2022

Issued Date

CONTENT

CONTENT	1
1. Description of version	2
2. Test summary	3
3. LABORATORY MEASUREMENTS	4
3.1. Configuration Information	4
3.2. Condition of Device	4
3.3. Explanation of test method deviation.....	4
4. TEST ITEM AND RESULTS	5
4.1 Impact Test	5
4.1.1 Test Requirements	5
4.1.2 Used Test Equipment	5
4.1.3 Test Results.....	6
4.1.4 Test Photos	6
5. Photographs of EUT	9

1. Description of version

Report No.	Version No.	Issue Date	Description	Approved
SQT2211061	V0	28-November-2022	Original	Valid

2. Test summary

Classification of EUT: Components and modules

Test Item	Standard	Result
Impact Test	UN R.046-Supplement 8 to the 04 series 6.3.2	Pass
Remark: *The symbol "N/A" in above table means <u>N</u> ot <u>A</u> pplicable		

3. LABORATORY MEASUREMENTS

3.1. Configuration Information

Product name	Digital Rear-view Mirror	
Category	I	
Model No.	MDR-PRO1	
Function	Rear-view Mirror	
Quantity of sample	2pcs	
Sample No.	1#	Q2211045-001
	2#	Q2211045-002
Test Voltage	N/A	
Test Laboratory	Guangzhou Shuntai Quality Technical Service Co., Ltd. Room 206A, 2F, 4# Plant, No.63 Punan Road, Huangpu District, Guangzhou, China, 510760	

Note: The above EUT information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications or the User's Manual.

3.2. Condition of Device

Appearance	Normal
Working condition	Normal

3.3. Explanation of test method deviation

The test method deviates from the standard method: **yes/no**

If yes, please explain in details: ---

4. TEST ITEM AND RESULTS

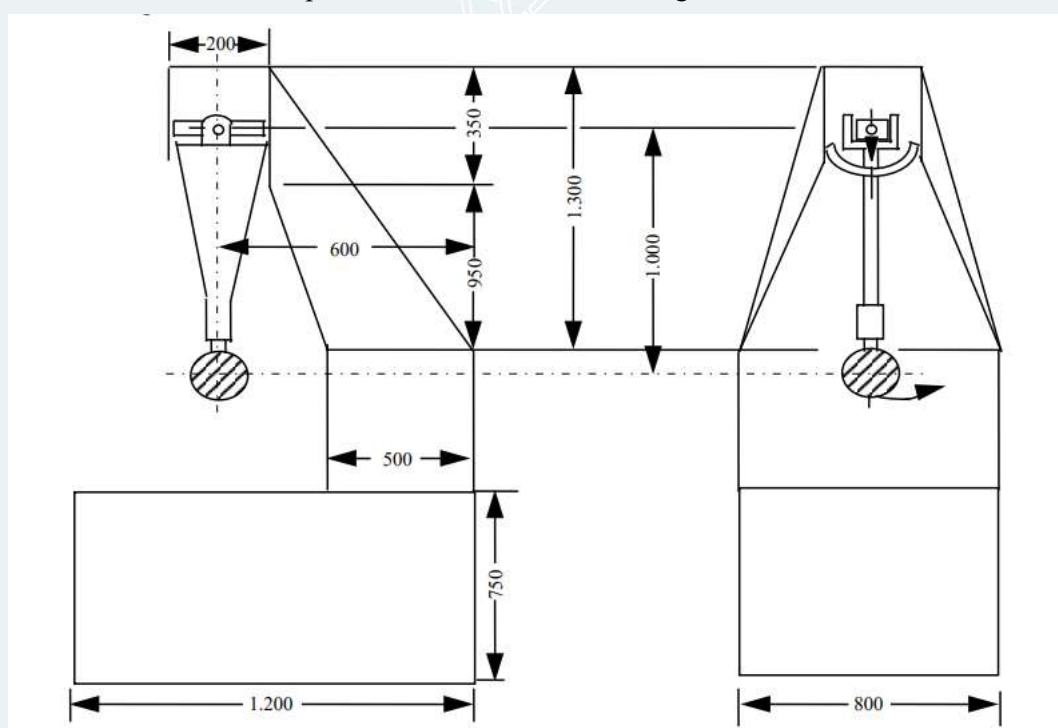
4.1 Impact Test

4.1.1 Test Requirements

(1) The test consists in allowing the hammer to fall from a height corresponding to a pendulum angle of 60° from the vertical so that the hammer strikes the device for indirect vision at the moment when the pendulum reaches the vertical position.

(a) Test 1: The points of impact shall be as defined in paragraph 6.3.2.2.3. above. The impact shall be such that the hammer strikes the mirror on the reflecting surface side.

(b) Test 2: Point of impact on the edge of the protective housing, such that the impact produced makes an angle of 45° with the plane of the reflecting surface and is situated in the horizontal plane passing through the centre of that surface. The impact shall occur on the reflecting surface side.



Schematic diagram of test equipment

4.1.2 Used Test Equipment

Equipment	Equipment No.	Model No.	Manufacturer	Calibration Due
Mirror Impact Tester	GZST/YQ-DJ-22	RM-D1000A	RISEN	2023.07.06

4.1.3 Test Results

Results: Pass
 Test Date: 18/11/2022
 Temperature and humidity: 26.8°C/49%RH

Test Item	Judgment and Requirements		Results	
			Sample 1#	Sample 2#
Impact test	The pendulum shall continue to swing after impact in such a way that the projection of the position assumed by the arm on the plane of release makes an angle of at least 20° with the vertical.	Test 1	34.5°	30.5°
		Test 2	24°	22°
	The reflecting surface shall be free from breakage after the test.	Test 1	The reflecting surface is not	The reflecting surface is not
		Test 2	breakage after the test	breakage after the test

The sample tested FULFILS with the requirements.

4.1.4 Test Photos



Fig. 1-1 Check before test-1#



Fig. 1-2 Check before test-2#



Fig. 1-3 Check after test-1#



Fig. 1-4 Check after test-2#

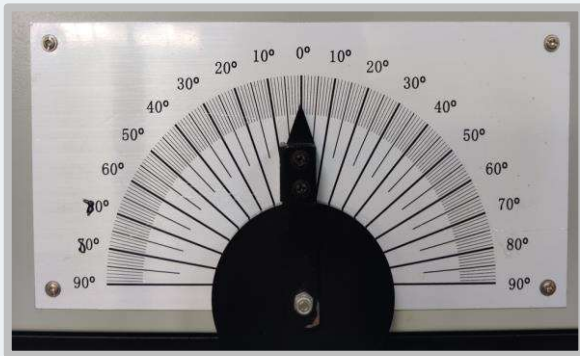


Fig. 1-5 Angle before test 1



Fig. 1-6 Angle before test 2



Fig. 1-7 Angle after test 1 -1#

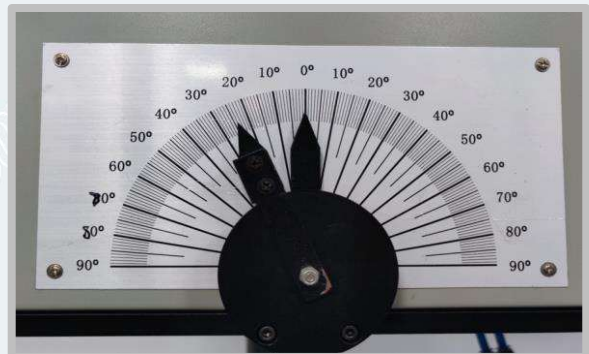


Fig. 1-8 Angle after test 2 -1#

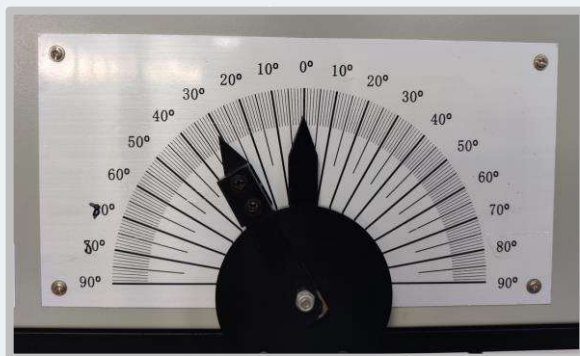


Fig. 1-9 Angle after test 1 -2#

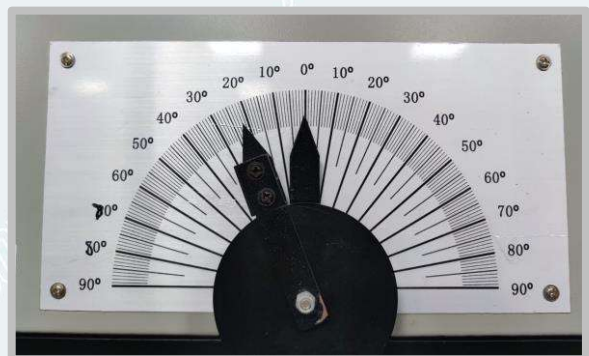


Fig. 1-10 Angle after test 2 -2#



Fig. 1-11 Test 1 during test



Fig. 1-12 Test 2 during test

5. Photographs of EUT

EUT photo1



EUT photo2



Statement

1. The report is invalid without "special stamp for inspection and testing".
2. Failure to affix "special seal for inspection and testing" to the copy report is invalid, and some copies are invalid.
3. The report is invalid without the signature and seal of the person preparing, reviewing and approving it.
4. The report is invalid if altered.
5. If there is any objection concerning the report, please inform us within 15 days from the date of receiving the report
6. This test is only responsible for incoming samples, and the report is only valid for this test.

GuangZhou ShunTai Quality Technical Service Co., Ltd.

Room 206A, 2F, 4# Plant, No.63 Punan Road, Huangpu District, Guangzhou, China, 510760

Tel: 0086-020-29840423

E-mail: service@gzst-test.com

Web: www.gzst-test.com

*****End of Page*****