

TEST REPORT

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Test Report No.	STC/Test/N20231205001	Date of Issue:08/12/2023
Name & Address of Customer:	Rajshree Electronics & Automation India Pvt Ltd #22,1st Floor, 2nd Cross, SGN Layout , Lalbagh Road, Bangalore-560027, BHARAT	
Name & Address of Manufacturer (If required):	Rajshree Electronics & Automation India Pvt Ltd #22,1st Floor, 2nd Cross, SGN Layout , Lalbagh Road, Bangalore-560027, BHARAT	
Customer Ref. & Date:	Nil	W.O. No.: N20231205001
Date of Sample Receipt: 05/12/2023	Start of Test Date: 05/12/2023	End of Test Date: 07/12/2023

PART A - PARTICULARS OF THE SAMPLE SUBMITTED

Sample description	Smart Digital Multimeter
Grade/ variety/ type/ class/ size etc.	AC Range: 0 to 600V
Declared values, if any	DC Range: 0 to 600V
Code no., BIS seal and IO's sign. if any	--
Batch no., date of manufacture and Brand Name	--
Model	Model: ZT-S1
Quantity	1 Nos.
Condition of the sample	Good
Reference specification (s)	As Per Customer specification
Environmental conditions	Temperature (25±10)°C & Relative Humidity(45-75)%

PART-B: SUPPLEMENTARY INFORMATION

1. If an Item is tested, acknowledging deviations from specified conditions as requested by customers, the results may be affected due to this deviation.
2. Details of the drawings, graphs, tables, sketches or photographs as referred in the test report, if any:

Notes:

1. This report is not to be reproduced except in full/partial without approval of the laboratory in writing.
2. This report refers only to the particular sample detailed above.
3. The results reported in this Test report are valid at the time of and under the stipulated conditions of measurement.

Tested by	Approved & Reviewed by
	
Satendra Kashyap (Testing Engineer)	Shivani Bhardwaj (CSE)

Format No. - STCLAB/F/EL/06

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General product information:

Visual inspection Test:

Sr. No	Parameter Name	Test data	Observed value	Verdict
1.	Dc voltage	4.0Vdc	3.99Vdc	Pass
		10.0Vdc	9.98Vdc	
		60.0Vdc	59.99Vdc	
		100.0Vdc	99.99Vdc	
		400.0Vdc	399.98Vdc	
		600.0Vdc	599.97Vdc	
2.	AC Voltage	25.0Vac	24.99 Vac	Pass
		100.0Vac	99.99Vac	
		240.0Vac	239.98Vac	
		400.0Vac	399.97Vac	
		600.0Vac	599.98 Vac	
3.	DC Current	500mA	499.8mA	Pass
		1.0A	999.8mA	
		5.0A	4.96A	
		9.0A	8.97A	
4.	AC Current	500mA	499.7mA	Pass
		1.0A	999.7mA	
		5.0A	4.99A	
		9.0A	8.98A	
5.	Resistance	2.2k Ω	2.14k Ω	Pass
		4.0M Ω	3.97M Ω	
		20.0M Ω	19.95M Ω	



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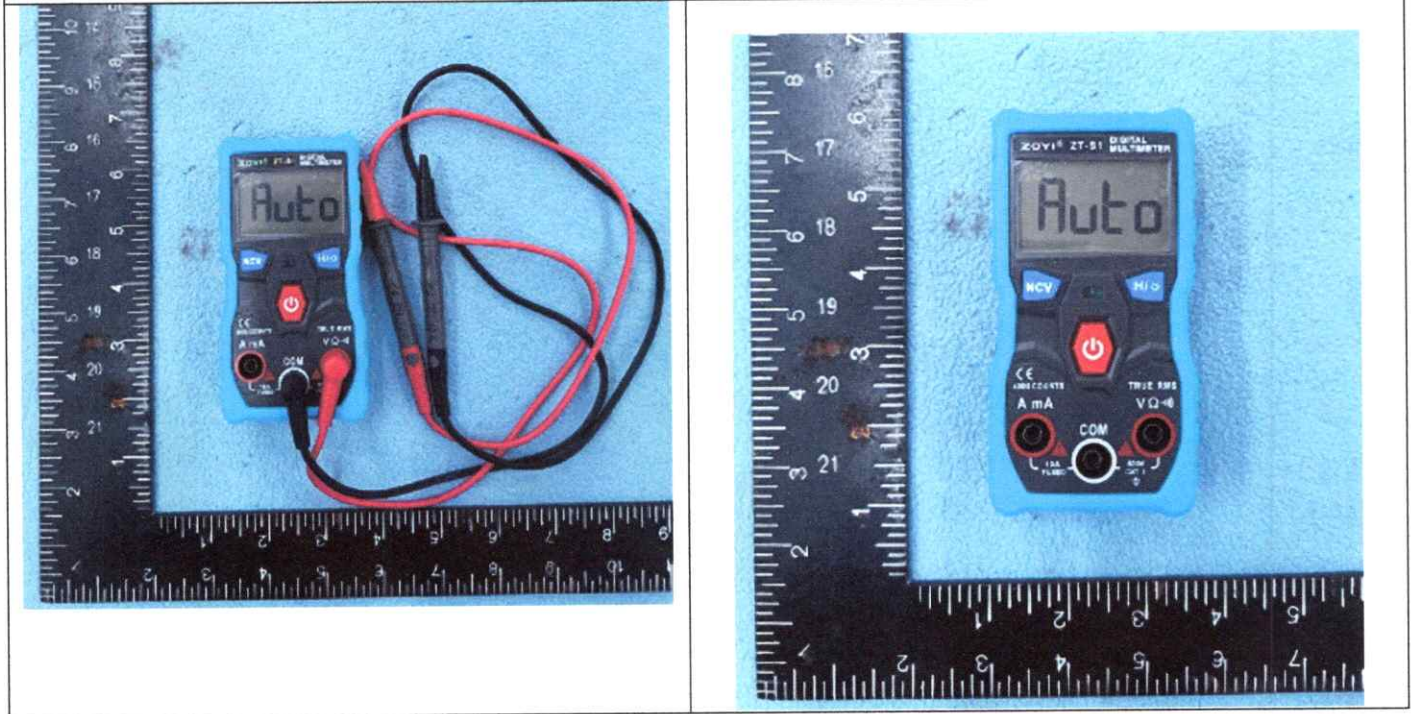
Feature provided in Multimeter

6.	Auto ranging	Complies	Pass
7.	Data hold	Data to hold facility applicable	Pass
8.	Backlight /flashlight	Complies	Pass
9.	Auto power off	Auto power off facility applicable	Pass
10.	Low battery alert	Complies	Pass
11.	Smart mode	Smart mode facility available	Pass
12.	True rms	Complies	Pass
13.	Power supply	2 x 1.5 AAA Battery	Pass
14.	Dimension	120 x 62 x 29 mm	Pass
15.	Weight	117g	Pass



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Photograph of Sample:



PART D: - Nil

REMARKS: Pass

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Satendra Kashyap (Testing Engineer)	Shivani Bhardwaj (CSE)

***** END OF TEST REPORT *****