

## TEST REPORT

REPORT NO.: CTNT2412190180102R



Product name : Laser level

Model No : SP03CG

CHANGZHOU MIDEKER OPTOELECTRONIC

Applicant : TECHNOLOGY CO.,LTD.

Test procedure : Type Test

Shenzhen Zhongwei Testing Technology Co., Ltd.





**TEST REPORT**  
**EN 60825-1**  
**Safety of laser products – Part 1:**  
**Equipment classification and requirements**  
**EN 50689: 2021**  
**Safety of laser products –**  
**Particular Requirements for Consumer Laser Products**

**Report Number.....:** CTNT2412190180102R

**Date of issue.....:** Jan. 13, 2025

**Name of Testing Laboratory**  
**preparing the Report.....:** Shenzhen Zhongwei Testing Technology Co., Ltd.  
Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street,  
Longgang District, Shenzhen, Guangdong, China  
Tel: 086-13662574496  
E-mail: admin@cnt-cert.com  
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**Applicant's name.....:** CHANGZHOU MIDEKER OPTOELECTRONIC TECHNOLOGY CO.,LTD.

**Address.....:** C-2, Building 5, New Power Venture Center No.1 Qingyang North Road, Tianning District, Changzhou, Jiangsu Province, China.

**Manufacturer's name.....:** CHANGZHOU MIDEKER OPTOELECTRONIC TECHNOLOGY CO.,LTD.

**Address.....:** C-2, Building 5, New Power Venture Center No.1 Qingyang North Road, Tianning District, Changzhou, Jiangsu Province, China.

**Test specification:**

**Standard.....:** EN 60825-1: 2014+A11: 2021&EN 50689: 2021

**Test procedure.....:** Type test

**Non-standard test method.....:** N/A

**Test Report Form No.....:** EU\_GD\_IEC60825\_1G

**Test Report Form(s) Originator.....:** TÜV Rheinland LGA Products GmbH

**Master TRF.....:** Dated 2021-11-05

**General disclaimer:**

The test results presented in this report relate only to the object tested.

This report shall not be reproduced, except in full, without the written approval of the Issuing CTNT Testing Laboratory.

The authenticity of this Test Report and its contents can be verified by contacting the CTNT, responsible for this Test Report.

**Test item description.....:** Laser level

**Trade Mark.....:** N/A

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This report can be checked and verified in the following ways.

Tel: 0755-28680489

E-mail: admin@cnt-cert.com

Web: www.cnt-cert.com



<b>Model/Type reference</b> ..... :	SP03CG, SP03DG, SP04DG, SP03CR, SP03DR, SP04DR, R7000G, R7000R, R7000	
<b>Ratings</b> ..... :	5V  2A	
<b>Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):</b>		
<b>Laboratory Name</b>	Shenzhen Zhongwei Testing Technology Co., Ltd.	
<b>Testing location/ address</b> ..... :	Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street, Longgang District, Shenzhen, Guangdong, China	
<b>Tested by(Test Engineer)</b> ..... :	East Zheng	
<b>Reviewed By(Supervisor)</b> ..... :	Oliver Long	
<b>Approved by(Chief Engineer)</b> ..... :	Flight Lee	
<b>List of Attachments (including a total number of pages in each attachment)</b> - Test data graph, Photo document		
<b>Summary of testing:</b>		
<b>Tests performed (name of test and test clause):</b>  Determination of the result includes consideration of measurement uncertainty from the test equipment and methods.  According to the test of EN 60825-1: 2014+A11: 2021 Safety of laser products – Part 1: Equipment classification and requirements.  And also considered with the EN 50689: 2021 Safety of laser products – Particular Requirements for Consumer Laser Products.  <b>This product complied with the requirements of Class 2.</b>	<b>Testing location:</b>  Shenzhen Zhongwei Testing Technology Co., Ltd. Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street, Longgang District, Shenzhen, Guangdong, China  Tel: 086-755-28680489 E-mail: admin@cnt-cert.com Web: www.cnt-cert.com	
<b>Test item particulars</b> ..... :		
<b>Classification of installation and use:</b>	transportable / portable / stationary / mobile/ fixed / permanently installed / hand-held	
<b>Supply Connection</b> ..... :	Internally powered / permanently installed / Appliance coupler / non-detachable cord	
<b>laser Class as defined in 3.44 and 3.18 through 3.24 of EN 60825-1: 2014+A11: 2021</b> ..... :	Class 1, 1C, 1M, 2, 2M, 3R, 3B, or 4	

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