

TEST REPORT



REPORT NO: CTNT2411200020101

Product name : LASER DISTANCE METER

Model No. : 21687

Applicant : Shenzhen Avane Industrial Co.,Ltd.

Test procedure : Type Test

Shenzhen Zhongwei Testing Technology Co., Ltd.



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Tel: 0755-28680489

E-mail: admin@cnt-cert.com

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TEST REPORT
EN 60825-1
Safety of laser products – Part 1:
Equipment classification and requirements

Report Number.....: CTNT2411200020101

Date of issue.....: November 29, 2024

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@ctnt-cert.com
Web: www.ctnt-cert.com

Applicant's name.....: Shenzhen Avane Industrial Co.,Ltd.

Address.....: 2.1/F,Building C,No. 2, Guanghua Road, Guangpei Community,
Guanlan Street, Longhua District, Shenzhen.

Manufacturer's name.....: Shenzhen Avane Industrial Co.,Ltd.

Address.....: 2.1/F,Building C,No. 2, Guanghua Road, Guangpei Community,
Guanlan Street, Longhua District, Shenzhen.

Test specification:

Standard.....: EN 60825-1: 2014+A11: 2021

Test procedure.....: Type Test

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

Test Report Form No.....: EU_GD_IEC 60825_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.

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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 DISTANCE METER

Trade Mark.....: N/A

Model/Type reference.....: 21687

Ratings.....: DC3V (2XAAA size Battery)

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Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):		
Laboratory Name	Shenzhen Zhongwei Testing Technology Co., Ltd.	
Testing location/ address.....:	Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street, Longgang District, Shenzhen, Guangdong, China	
Tested by (Test Engineer).....:	East Zheng	East Zheng
Reviewed by (Supervisor).....:	Oliver Long	Oliver Long
Approved by (Chief Engineer).....:	Flight Lee	Flight Lee
List of Attachments (including a total number of pages in each attachment): - Test data graph, Photo document		
Summary of testing:		
Tests performed (name of test and test clause): 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. This product complied with the requirements of Class 2.	Testing location: 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@ctnt-cert.com Web: www.ctnt-cert.com	
Test item particulars.....:		
Classification of installation and use:	transportable / portable / stationary / mobile/ fixed / permanently installed / hand-held	
Supply Connection.....:	internally powered / permanently installed / appliance coupler / non-detachable cord	
laser Class as defined in 3.44 and 3.18 through 3.24 of EN 60825-1: 2014+A11: 2021.....:	Class 1, 1C, 1M, 2, 2M, 3R, 3B, or 4	
laser output (power or energy).....:	See below	
Accessories and detachable parts included in the evaluation	N/A	
Options included	N/A	

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