

TEST REPORT

REPORT NO.: CTNT2412240130101



Product name: LumiTool F20

Model No.: F20

Applicant: Shenzhen Earain Automation Equipment Co., Ltd.

Test procedure: Type Test

Shenzhen Zhongwei Testing Technology Co., Ltd.



TEST REPORT**IEC 60825-1****Safety of laser products – Part 1:
Equipment classification and requirements****Report Number** : CTNT2412240130101**Date of issue** : February 14, 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
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Applicant's name : Shenzhen Earain AutomationEquipment Co., Ltd.**Address** : 902, Building 4, Nantai Yunchuanggu Park, Guangming District, S
henzhen**Manufacturer's name** : Shenzhen Earain AutomationEquipment Co., Ltd.**Address** : 902, Building 4, Nantai Yunchuanggu Park, Guangming District, S
henzhen**Test specification:****Standard** : IEC 60825-1: 2014**Test procedure** : Type Test**Non-standard test method** : N/A**Test Report Form No.** : IEC60825_1G**Test Report Form(s) Originator** : OVE**Master TRF**..... : Dated 2021-10-05**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 : LumiTool F20**Trade Mark** : N/A**Model/Type reference** : F20**Ratings** : 12V  20W

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

Tel: 0755-28680489

E-mail: admin@ctnt-cert.com

Web: www.ctnt-cert.com

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)	Andrea Xie	
Reviewed by(Supervisor)	Oliver Long	
Approved by(Chief Engineer)	Flight Lee	
List of Attachments (including a total number of pages in each attachment): - Photo document - Test data graph		
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 IEC 60825-1: 2014 Safety of laser products – Part 1: Equipment classification and requirements. This product complied with the requirements of Class 3R.	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: 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 IEC 60825-1:2014.....:	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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