

Product name:

F1 ultra





# TEST REPORT

REPORT NO.: CTNT2501160080101



Model No.: MXF-K002-001

Applicant: Makeblock Co., Ltd.

Test procedure: Type Test

Shenzhen Zhongweitering echnology Co., Ltd.

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### **TEST REPORT**

#### IEC 60825-1

## Safety of laser products – Part 1: Equipment classification and requirements

Report Number. ....: CTNT2501160080101

**Date of issue**.....: March 6, 2025

Shenzhen Zhongwei Testing Technology Co., Ltd.

Longgang District, Shenzhen, Guangdong, China

Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street,

Name of Testing Laboratory preparing the Report.....:

Tel: 086-13662574496

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Applicant's name .....: Makeblock Co., Ltd.

4th Floor, Building C3, Nanshan iPark, No.1001 Xueyuan Avenue,

Nanshan District, Shenzhen, Guangdong Province, China

Nanshan District, Shenzhen, Guangdong Province, China

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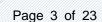
The authenticity of this Test Report and its contents can be verified by contacting the CTNT, responsible for this Test Report.

Test item description .....: F1 ultra

Trade Mark .....: xTool

Model/Type reference .....: MXF-K002-001

Ratings .....: 25V 10A



Report No.: CTNT2501160080101



Responsible Testing Laboratory (as applicable), testing procedure and testing location(s): **Laboratory Name** Shenzhen Zhongwei Testing Technology Co., Ltd. Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Testing location/ address.....: Street, Longgang District, Shenzhen, Guangdong, China Andrea Xie Tested by(Test Engineer) .....: Reviewed by(Supervisor)....: Oliver Long Approved by(Chief Engineer) ..... Flight Lee List of Attachments (including a total number of pages in each attachm - Photo document - Test data graph Summary of testing: Tests performed (name of test and test clause): **Testing location:** Shenzhen Zhongwei Testing Technology Co., Ltd. Determination of the result includes consideration of Room 1A106, 1/F., No.109, Lijia Road, Henggang, measurement uncertainty from the test equipment Henggang Street, Longgang District, Shenzhen, and methods. Guangdong, China According to the test of IEC 60825-1: 2014 Tel: 086-755-28680489 Safety of laser products – Part 1: E-mail: Equipment classification and requirements. Web: www.ctnt-cert.com This product complied with the requirements of Class 1. Test item particulars ....: Classification of installation and use: ..... transportable / portable / stationary / mobile/fixed /permanently installed / hand-held internally powered / permanently installed / Supply Connection.....: appliance coupler / non-detachable cord / detachable cord laser Class as defined in 3.44 and 3.18 through 3.24 Class 1, 1C, 1M, 2, 2M, 3R, 3B, or 4 of IEC 60825-1:2014....: laser output (power or energy).....: See below Accessories and detachable parts included in the N/A evaluation ....:: Options included .....: N/A

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