

TEST REPORT

REPORT NO.: CTNT2501160080101



Product name: F1 ultra

Model No.: MXF-K002-001

Applicant: Makeblock Co., Ltd.

Test procedure: Type Test

Shenzhen Zhongwei Testing Technology Co., Ltd.



This report may not be reproduced in part without permission to avoid ambiguous interpretation.
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

TEST REPORT**IEC 60825-1****Safety of laser products – Part 1:
Equipment classification and requirements****Report Number.....:** CTNT2501160080101**Date of issue.....:** March 6, 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
Web: www.cnt-cert.com

Applicant's name Makeblock Co., Ltd.**Address** 4th Floor, Building C3, Nanshan iPark, No.1001 Xueyuan Avenue,
Nanshan District, Shenzhen, Guangdong Province, China**Manufacturer's name** Makeblock Co., Ltd.**Address** 4th Floor, Building C3, Nanshan iPark, No.1001 Xueyuan Avenue,
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.

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 F1 ultra**Trade Mark** xTool**Model/Type reference** MXF-K002-001**Ratings** 25V[~] 10A

This report may not be reproduced in part without permission to avoid ambiguous interpretation.

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

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 1.	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 / 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	

This report may not be reproduced in part without permission to avoid ambiguous interpretation.

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