

TEST REPORT



REPORT NO: CTNT2411150010302R

Product name: xTool F1

Model No.: MXF-K001-LG4

Applicant: Makeblock Co., Ltd.

Test procedure: Entrustment 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@cnt-cert.com

Web: www.cnt-cert.com

TEST REPORT EN ISO 11553-1 Safety of machinery - Laser processing machines - Part 1: Laser safety requirements EN 60825-1 Safety of laser products – Part 1: Equipment classification and requirements	
Report Number	CTNT2411150010302R
Date of issue	January 15, 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@ctnt-cert.com Web: www.ctnt-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	EN ISO 11553-1:2020 EN 60825-1: 2014+A11: 2021
Test procedure	Entrustment Test
Non-standard test method	N/A
Test Report Form No.	EN ISO 11553-1_1G
Test Report Form(s) Originator	CTNT
Master TRF	Dated 2024-11-20
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.	

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 item description : xTool F1	
Trade Mark : xTool	
Model/Type reference : MXF-K001-LG4	
Ratings : 24V 5A	
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)	Oliver Long 
Reviewed by (Supervisor)	Airan Lu 
Approved by (Chief Engineer)	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 ISO 11553-1 Safety of machinery - Laser processing machines - Part 1: Laser safety requirements and EN 60825-1: 2014+A11: 2021 Safety of laser products – Part 1: Equipment classification and requirements. This product complied with the requirements of Class 4.	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@cnt-cert.com Web: www.cnt-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

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