

TEST REPORT

REPORT NO.:CTNT2411150010101R



Product Name: xTool F1

Model No. : MXF-K001-LG4

Applicant: Makeblock Co., Ltd.

Test Procedure: CE-MD

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**EN ISO 12100****Safety of machinery - General principles for design - Risk assessment and risk reduction**

Report Number.: CTNT2411150010101R

Date of issue.....: Jan.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: 0755-28680489
E-mail: admin@cntnt-cert.com
Web: www.cntnt-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 12100:2010

Test procedure: CE-MD

Non-standard test method: N/A

Test Report Form No.: EN ISO 12100:2010

Test Report Form(s) Originator: CTNT

Master TRF: N/A

Copyright © 2020 IEC System of Conformity Assessment Schemes for Electrotechnical Equipment and Components (IECEE System). All rights reserved.

This publication may be reproduced in whole or in part for non-commercial purposes as long as the IECEE is acknowledged as copyright owner and source of the material. IECEE takes no responsibility for and will not assume liability for damages resulting from the reader's interpretation of the reproduced material due to its placement and context.

If this Test Report Form is used by non-IECEE members, the IECEE/IEC logo and the reference to the CB Scheme procedure shall be removed.

This report is not valid as a CB Test Report unless signed by an approved IECEE Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IECEE 02.

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.



Remark:

--

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

Test item description	xTool F1
Trade Mark(s).....	xTool
Model/Type reference	MXF-K001-LG4
Ratings	Adapter Input: 100-240V~ 50/60Hz, 2.5A(Max); Output: 24.0V  5A, 120W Product input: 24.0V  5A, 120W

Test item particulars:

Classification of installation and use	Portable appliance
Supply Connection.....	Adapter power supply
Protection against electric shock	The adapter and the Equipment Under Test are classified as Class II appliances overall. The product is Class III appliances.
Mass(kg)	4.67

Possible test case verdicts:

- test case does not apply to the test object	N/A
- test object does meet the requirement	P (Pass)
- test object does not meet the requirement	F (Fail)

Testing..... :

Date of receipt of test item	Nov.15, 2024
Date (s) of performance of tests	Nov.15 - Nov.22, 2024

General remarks:

"(See Enclosure #)" refers to additional information appended to the report.
"(See appended table)" refers to a table appended to the report.

Throughout this report a ☐ comma / ☒ point is used as the decimal separator.

Other important notes:

1. If you have any objection to the inspection results in this report, please submit a written report to the company within 15 days from the date of receipt of the report.
2. Entrusting test only responsible for the incoming samples, and the test results are used by the entrusting party to understand the quality of the samples.
3. This test report is invalid without the "test stamp".
4. This report may not be reproduced in part without permission to avoid ambiguous interpretation.
5. Test items with "*" are unauthorized items.
6. The remaining samples under test must be collected within three months of receipt of the inspection report. If the samples are not collected within the time limit, the laboratory will handle them by selves.

Company name: Shenzhen Zhongwei Testing Technology Co., Ltd.
Address: Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street, Longgang District, Shenzhen, Guangdong, China
Tel: 086-755-28680489
Email: admin@ctnt-cert.com
Website: www.ctnt-cert.com

Copy of marking plate:**General product information:**

- The appliance is xTool F1, can carve patterns on various surfaces of objects.
- Class III appliance, powered by a dedicated adapter. (The adapter and the Equipment Under Test are classified as Class II appliances overall.).
- The appliance is use indoor.
- The appliance belongs to Class 4 laser engraving machine.

Summary of testing:

Determination of the result includes consideration of measurement uncertainty from the test equipment and methods.

According to the test of EN ISO 12100: 2010

This product is complied with the applicable requirements of standards.

Testing procedure and testing location

Laboratory name..... : Shenzhen Zhongwei Testing Technology Co., Ltd.

Testing location/address: : Room 106, 1/F, No. 109, Lijia Road, Henggang Community, Henggang Street, Longgang District, Shenzhen, Guangdong, China

Testing procedure : TL ☒ RMT ☐ SMT ☐ WMT ☐ TMP ☐

Tested By (Test Engineer) : George Tian *George Tian*

Reviewed By (Supervisor) : Jackie Chen *Jackie Chen*

Approved By (Chief Engineer) : Flight Lee *Flight Lee*



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