

# TEST REPORT



REPORT NO.:CTNT230407009

Product name: Hand-held laser-marking machine

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Model No.: SY-S18

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Applicant: Guangzhou Shuoyu Electronic Technology Co. LTD

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Test procedure: Entrustment Test

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Shenzhen Zhongwei Testing Technology Co., Ltd.



<b>TEST REPORT</b> <b>IEC 60825-1</b> <b>Safety of laser products – Part 1:</b> <b>Equipment classification and requirements</b>	
<b>Report Number</b> .....	CTNT230407009
<b>Date of issue</b> .....	April 24, 2023
<b>Name of Testing Laboratory preparing the Report</b> .....	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
<b>Applicant's name</b> .....	Guangzhou Shuoyu Electronic Technology Co. LTD
<b>Address</b> .....	Guangzhou International Business Incubator, Block A, 3A 406
<b>Manufacturer's name</b> .....	Guangzhou Shuoyu Electronic Technology Co. LTD
<b>Address</b> .....	Guangzhou International Business Incubator, Block A, 3A 406
<b>Test specification:</b>	
<b>Standard</b> .....	IEC 60825-1: 2014
<b>Test procedure</b> .....	Entrustment Test
<b>Non-standard test method</b> .....	N/A
<b>Test Report Form No</b> .....	IEC 60825-1F
<b>Test Report Form(s) Originator</b> .....	UL(US)
<b>Master TRF</b> .....	Dated 2017-12-21
<b>General disclaimer:</b>	
<p>The test results presented in this report relate only to the object tested.</p> <p>This report shall not be reproduced, except in full, without the written approval of the Issuing CTNT Testing Laboratory.</p> <p>The authenticity of this Test Report and its contents can be verified by contacting the CTNT, responsible for this Test Report.</p>	
<b>Test item description</b> .....	Hand-held laser-marking machine
<b>Trade Mark</b> .....	硕昱
<b>Model/Type reference</b> .....	SY-S18, SY-M25, SY-L30
<b>Ratings</b> .....	100-240V~50/60Hz

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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

<b>Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):</b>				
<b>Laboratory Name</b>	Shenzhen Zhongwei Testing Technology Co., Ltd.			
<b>Testing location/ address..... :</b>	Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street, Longgang District, Shenzhen, Guangdong, China			
<b>Tested by(Test Engineer)..... :</b>	Andrea Xie	<i>Andrea Xie</i>		
<b>Reviewed By(Supervisor)..... :</b>	Airan Lu	<i>Airan Lu</i>		
<b>Approved by(Chief Engineer)..... :</b>	Flight Lee	<i>Flight Lee</i>		
<b>List of Attachments (including a total number of pages in each attachment):</b> - Photo document - Test data graph				
<b>Summary of testing:</b> <table border="1" style="width:100%"> <tr> <td style="width:50%"> <b>Tests performed (name of test and test clause):</b>                      Determination of the result includes consideration of measurement uncertainty from the test equipment and methods.                      According to the test of IEC 60825-1                      Safety of laser products – Part 1:                      Equipment classification and requirements.  <b>The laser safety level of this product is Class 4.</b> </td> <td style="width:50%"> <b>Testing location:</b>                      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@ctnt-cert.com                      Web: www.ctnt-cert.com                 </td> </tr> </table>			<b>Tests performed (name of test and test clause):</b> Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. According to the test of IEC 60825-1 Safety of laser products – Part 1: Equipment classification and requirements. <b>The laser safety level of this product is Class 4.</b>	<b>Testing location:</b> 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@ctnt-cert.com Web: www.ctnt-cert.com
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<b>Test item particulars..... :</b>				
<b>Supply Connection..... :</b>	Power supply			
<b>Possible test case verdicts:</b>				
- 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)			
- test object does not experiment with this clause.:	-			
<b>Testing..... :</b>				
<b>Date of receipt of test item..... :</b>	April 7, 2023			
<b>Date (s) of performance of tests..... :</b>	April 13,2023			

