

## TEST REPORT

REPORT NO.: CTNT240719029



Product name: BLAZER Serial Infrared Picosecond Laser

Model No.: BLAZER-IR-90

Applicant: GRACE LASER TECHNOLOGY CO.,LTD.

Test procedure: Type Test

Shenzhen Zhongwei Testing Technology Co., Ltd.



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**TEST REPORT****IEC 60825-1****Safety of laser products – Part 1:  
Equipment classification and requirements****Report Number**.....: CTNT240719029**Date of issue**.....: July 30, 2024

**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  
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**Applicant's name**.....: GRACE LASER TECHNOLOGY CO.,LTD.**Address**.....: Building 16, No. 8, An'ping North Street, Shunyi District, Beijing, China**Manufacturer's name**.....: GRACE LASER TECHNOLOGY CO.,LTD.**Address**.....: Building 16, No. 8, An'ping North Street, Shunyi District, Beijing, 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**.....: LaserPecker BLAZER-IR-90**Trade Mark**.....: N/A**Model/Type reference**.....: BLAZER-IR-90, BLAZER-IR-70, BLAZER-IR-50, BLAZER-IR-30,  
BLAZER-IR-15**Ratings**.....: 220V~ 50/60Hz 10A

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<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 
<b>Reviewed by(Supervisor)..... :</b>	Airan Lu 
<b>Approved by(Chief Engineer).....:</b>	Flight Lee 
<b>List of Attachments (including a total number of pages in each attachment):</b> - Photo document - Test data graph	
<b>Summary of testing:</b>	
<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: 2014 Safety of laser products – Part 1: Equipment classification and requirements. <b>This product complied with the requirements of 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: Web: www.ctnt-cert.com
<b>Test item particulars..... :</b>	
<b>Classification of installation and use: .....</b>	transportable / portable / stationary / mobile / fixed / permanently installed / hand-held
<b>Supply Connection.....:</b>	internally powered / permanently installed / appliance coupler / non-detachable cord / detachable cord
<b>laser Class as defined in 3.44 and 3.18 through 3.24 of IEC 60825-1:2014.....:</b>	Class 1, 1C, 1M, 2, 2M, 3R, 3B, or 4
<b>laser output (power or energy).....:</b>	See below
<b>Accessories and detachable parts included in the evaluation .....</b>	N/A
<b>Options included .....</b>	N/A

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