

TEST REPORT



REPORT NO: CTNT240918004

Product name: Diode Laser System

Model No.: Halo

Applicant: Micro-Energy Medical Technology Co.Ltd

Test procedure: Type Test

Shenzhen Zhongwei Testing Technology Co., Ltd.



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Tel: 0755-28680489

E-mail: admin@cntn-cert.com

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TEST REPORT
IEC 60825-1
Safety of laser products – Part 1:
Equipment classification and requirements

Report Number.....: CTNT240918004

Date of issue.....: January 21, 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.....: Micro-Energy Medical Technology Co.Ltd

Address.....: Section B4301 and B4901, No. 13, Baolan Road, Kengzi Street,
Pingshan District, Shenzhen, China

Manufacturer's name.....: Micro-Energy Medical Technology Co.Ltd

Address.....: Section B4301 and B4901, No. 13, Baolan Road, Kengzi Street,
Pingshan District, Shenzhen, 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.....: Diode Laser System

Trade Mark.....: N/A

Model/Type reference.....: Halo

Ratings.....: Input:100-240V~50/60Hz,6.5A Max,
Internal lithium battery: DC14.8V 12800mAh

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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):	Test Meng	
Reviewed by (Supervisor):	Oliver Long	
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 IEC 60825-1:2014 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@cntn-cert.com Web: www.cntn-cert.com	
Test item particulars:		
Classification of installation and use: See IEC 60601-1 TRF, General Information: mobile		
Supply Connection: Detachable cord		
laser Class as defined in 3.44 and 3.18 through 3.24 of IEC 60825-1:2014: Class 4		
laser output (power or energy): See the table below		
Accessories and detachable parts included in the evaluation: Footswitch Sterile Single-use Radial Fiber(Halo-R-0.60-2.5)		
Options included: N/A		

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