

TEST REPORT



REPORT NO.: CTNT230823001

Product name: Ground-based wind lidar

Model No.: HD4-400

Applicant: Zhuhai EMGO-TECH .CO.LTD

Test procedure: Entrustment Test

Shenzhen Zhongwei Testing Technology Co., Ltd.



TEST REPORT IEC 60825-1 Safety of laser products – Part 1: Equipment classification and requirements	
Report Number:	CTNT230823001
Date of issue:	August 30, 2023
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:	Zhuhai EMGO-TECH .CO.LTD
Address:	3rd Floor, Building 3, No. 388 Yongnan Road, Xiangzhou District, Zhuhai City
Manufacturer's name:	Zhuhai EMGO-TECH .CO.LTD
Address:	3rd Floor, Building 3, No. 388 Yongnan Road, Xiangzhou District, Zhuhai City
Test specification:	
Standard:	IEC 60825-1: 2014
Test procedure:	Entrustment 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:	
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Test item description:	Ground-based wind lidar
Trade Mark(s):	N/A
Model/Type reference:	HD4-400
Ratings:	220V~ 50Hz

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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

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)..... :	Andrea Xie	<i>Andrea Xie</i>
Reviewed By(Supervisor)..... :	Airan Lu	<i>Airan Lu</i>
Approved by(Chief Engineer)..... :	Flight Lee	<i>Flight Lee</i>
List of Attachments (including a total number of pages in each attachment): - Photo document - Test data graph		
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 Safety of laser products – Part 1: Equipment classification and requirements. This product complied with the requirements of Class 1.	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@ctnt-cert.com Web: www.ctnt-cert.com	
Test item particulars..... : Supply Connection..... : Power supply		
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..... : August 23, 2023 Date (s) of performance of tests..... : August 29, 2023		

