



检测报告

TEST REPORT

报告编号 (Report No.): 202401-W003-S001-M

样品名称(Sample Name): 激光测距传感器

委托单位(Customer): 上海聚猛智能科技有限公司

委托编号(Application No.): 202401-W003



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上海智能制造功能平台有限公司
中英智能测量与质量工程中心



注 意 事 项

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This test report is subject to the paper version, which is valid with the signature of approver, reviewer, preparer and testing stamp of the testing center. The multi-page report shall bear a stamp at the place where the pages meet.

2. 本检测报告仅对被检测的样品结果负责，检测数据、结果仅证明样品所检测项目的符合性情况，分析检测结果对于同类样品仅具有参考意义。分析结果仅能用于科学研究、数据分析、性能评价、质量分析，对于分析结果的使用所产生的直接或间接损失及一切法律后果，上海智能制造功能平台有限公司中英智能测量与质量工程中心（以下简称本中心）不承担任何经济和法律后果。

This test report is only responsible for the result of tested samples. The test data and results only prove the compliance of the tested items of the samples. The analysis and test results are only for reference for similar samples. The analysis results can only be used for scientific research, data analysis, performance evaluation, and quality analysis. For direct or indirect losses and all legal consequences arising from the use of the analysis results, Sino-British Center on Smart Metrology and Quality Assurance of Shanghai Platform for Smart Manufacturing Co., Ltd. (hereinafter referred to as the testing center) does not assume any economic and legal responsibility.

3. 本检测报告中的样品名称、规格、数量、样品描述等信息均为委托方提供，委托方对样品资料真实性和样品的代表性负责，本单位不承担任何相关责任。

The sample name, specification, quantity, sample description and other information in this test report are provided by the customer, and the customer is responsible for the authenticity of the sample data and the representativeness of the sample, and the testing center does not assume any relevant responsibility.

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According to the customer's testing requirements, we make this report. If the test results change due to uncontrollable factors, the testing center will not bear any responsibility for this.

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6. 对于可重复性的实验、可复检的结果，若委托单位对分析结果异议，请在收到报告起十五日内向本单位提出书面复检申请，逾期或样品取走均不予处理。对于不可重复或不能进行复测的试验，不进行复测，委托单位放弃异议权利。

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The testing center provides testing services for the customers, and fulfills the obligation of confidentiality for the business secrets provided by the customers such as commercial information and technical data.



检测报告(Test Report)

报告编号 (Report No.): 202401-W003-S001-M

样品名称 Sample Name	激光测距传感器	委托编号 Application No.	202401-W003	
委托单位名称 Customer	上海聚猛智能科技有限公司	型号规格 Type&Specification	GT-L050-001S	
委托单位地址 Address	上海市嘉定区曹安公路 4588 号 9 号楼 402 室	样品编号 Sample No.	202401-W003-S001	
材料牌号 Material&Mark	/	检测环境 Testing Environment	温度 23.3℃ 相对湿度 44.2%	
样品数量 Quantity	1	收样日期 Received Date	2024 年 01 月 04 日	
检测地点 Testing Site	委托方研发测试实验室	检测日期 Testing Date	2024 年 01 月 04 日	
检测项目 Testing Items	激光测距传感器精度检测			
检测依据 Testing Specification	参考 JJF 1324-2011 《脉冲激光测距仪校准规范》，运动平台实际运动距离以激光干涉仪测量为准，对比激光测距传感器与激光干涉仪结果。			
判定依据 Judgment Basis	/			
使用检测 设备信息 Testing Equipment	设备名称 Equipment Name	设备编号 Equipment No.	设备型号/规格 Type&Specification	备注 Remarks
	激光干涉仪	SPSM-JCZX-02	XM-60	/
检测结论 Testing Conclusion	详见检测结果。			
备注 Remarks	此栏空白			





检测结果(Testing Results)

1、激光测距传感器外观和各部分相互作用：正常

2、激光测距传感器示值误差：

名义值 (mm)	标准值 (mm)	实测值 (mm)	示值误差 (mm)
900	915.1	915.3	0.2
1500	1514.9	1515.4	0.5
2100	2114.1	2113.8	-0.3
2700	2714.4	2714.5	0.1
3300	3314.2	3314.6	0.4
3700	3714.2	3714	-0.5
4300	4314.5	4314.8	0.3
4900	4914.7	4915.4	0.7
5500	5515.0	5515.5	0.5
6100	6114.8	6114.5	-0.3
6700	6715.5	6715.3	-0.8
7300	7314.8	7315.6	0.5
7700	7714.8	7715.7	0.9
8500	8515.4	8516.6	1.2

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