



检测报告

TEST REPORT



报告编号: 211501511

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客户名称 : 深圳市零差云控科技有限公司
Name of Client

客户地址 : 深圳市宝安区沙井街道办坐岗社区中日龙路10号厂房三楼
Address of Client

被测物 : 机器人关节
Tested Object

被测物特征 : eRob142H120I-BS-18EN
Characteristic(s)

被测物编号 : LK-T5-202009250018-B
Object No

承建 / 制造方: 深圳市零差云控科技有限公司
Serial No



(检测专用章)

Stamp

检测日期 : 2021 年 01 月 21 日
Testing Date Year Month Day

签发日期 : 2021 年 01 月 27 日
Issue Date Year Month Day

签发人 : 陈照聚(技术主管)
Issued By

签名 : 陈照聚
Signature



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检测用主要计量标准装置信息 Main Standard Devices Used

名称 Equipment Name	测量范围 Measuring Range	不确定度/准确度等级/ 最大允许误差 Uncertainty/Accuracy Class/ Maximum Permissible Error	计量标准考核证书号 Certificate No.	有效期至 Due Date
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检测用主要标准器信息 Main Standards of Measurement Used

名称 Equipment Name	测量范围 Measuring Range	不确定度/准确度等级/ 最大允许误差 Uncertainty/Accuracy Class/ Maximum Permissible Error	设备编号 Equipment No.	证书号/溯源单位 Certificate No./ Traceability to	有效期至 Due Date
激光干涉仪	30m		SB7308	191502681/深圳计质院	2021-03-28
小36面棱体	(0~360)°	1"	SB0023	CDjd2020-02933/中国计量院	2021-09-14
平直度检查仪(自准直仪)	0.005mm/m	1.5+0.0015n	SB0263	201600406/深圳计质院	2021-03-12
多齿细分分度台	(0~360)°	MPE:1"	SB6750	CDP201901322/广东省计量院	2021-02-19

附加信息 Appended Directions

本次检测所依据的技术文件:
Statement of Compliance and Limitation

JJG57-1999 光学、数显分度头

委托日期:

2021 年 01 月 21 日

Application Date

检测地点:

本院龙珠基地2号楼实验室013#

Operation Location

环境条件:

温度 20.1 °C 相对湿度 41 %

Operation Environment

主检员: 刁艳 
Tested by

核验员: 伍沛刚 
Checked by



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检测结果

Results of Test

1. 外观及各部件的相互作用: 正常;
2. 正方向示值误差: 23.5"
负方向示值误差: 23.0"
3. 回程误差: 10.9"
回程平均误差: 7.4"
4. 各点的示值误差:

全程范围示值误差: (正方向行程)

(°)	示值误差 (")
0	0.0
11.25	-10.3
22.50	+1.7
33.75	-13.3
45.00	+1.8
56.25	-15.3
67.50	+1.5
78.75	-12.0
90.00	-1.6
101.25	-15.8
112.50	+0.1
123.75	-10.5
135.00	-1.2
146.25	-11.9
157.50	-4.8
168.75	-10.4
180.00	-2.6

设定值 (°)	示值误差 (")
191.25	-12.8
202.50	-4.7
213.75	-12.3
225.00	+3.2
236.25	-15.2
247.50	-1.7
258.75	-12.7
270.00	+7.6
281.25	-13.5
292.50	+0.3
303.75	-14.3
315.00	-1.7
326.25	-8.4
337.50	-4.2
348.75	-11.6
360.00	+1.0



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检测结果

Results of Test

全程范围示值误差: (负方向行程)

设定值 (°)	示值误差 (")
0	+7.9
11.25	-1.5
22.50	+7.9
33.75	-5.9
45.00	+7.3
56.25	-5.7
67.50	+9.2
78.75	-6.6
90.00	+8.4
101.25	-7.4
112.50	+10.5
123.75	-3.9
135.00	+4.6
146.25	-3.2
157.50	+2.5
168.75	+0.1
180.00	+5.0

设定值 (°)	示值误差 (")
191.25	-5.7
202.50	+1.5
213.75	-5.5
225.00	+10.9
236.25	-8.8
247.50	+9.2
258.75	-7.6
270.00	+14.1
281.25	-8.2
292.50	+6.5
303.75	-7.4
315.00	+6.3
326.25	-1.2
337.50	+1.5
348.75	-4.0
360.00	+7.3

示值误差测量结果的扩展不确定度: $U=3''$, $k=2$ 。



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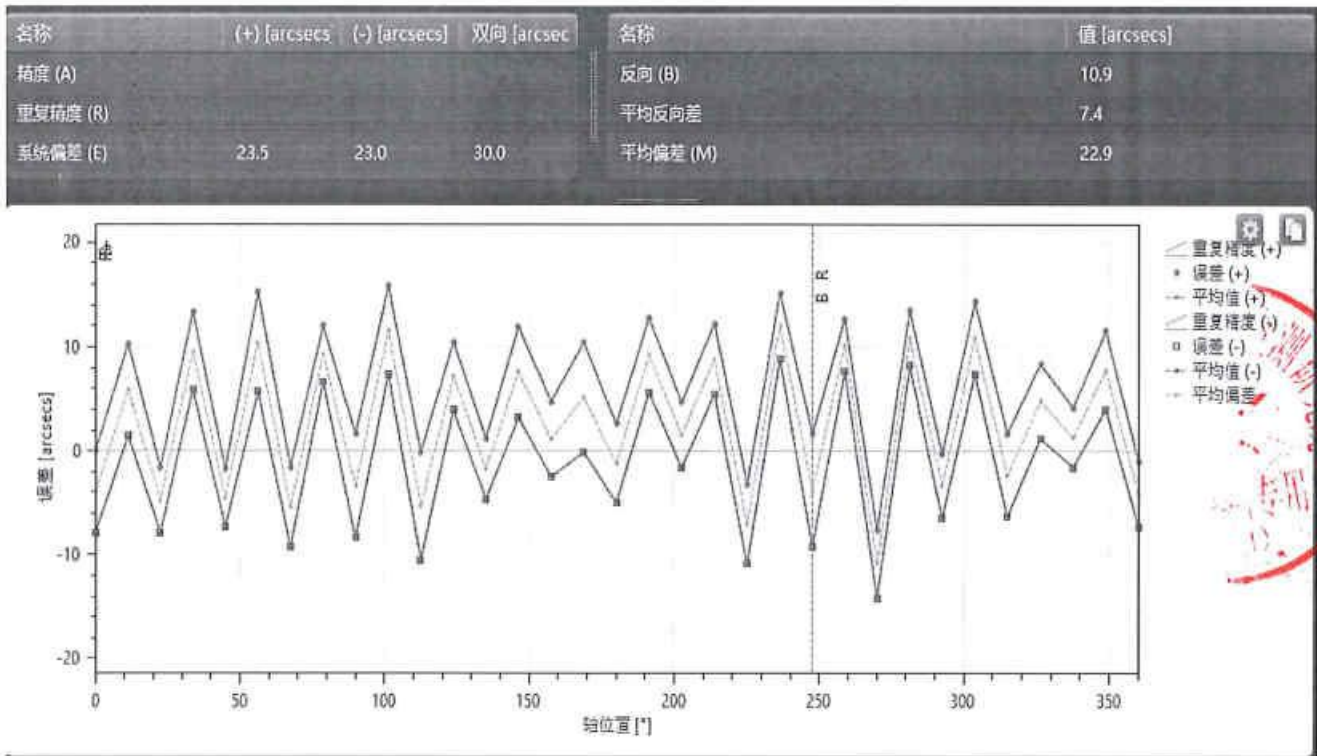
检测结果

Results of Test

附注:

1) 不确定度评定参考 JJF1059.1-2012 测量不确定度评定与表示技术规范。

2) 程序分析图:



—— 以 下 空 白 ——

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