



校准证书

CALIBRATION CERTIFICATE

证书编号 CYI202300012
Certificate No.

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委托方 中纺标检验认证股份有限公司
Client

委托方联络信息 北京市朝阳区延静里中街3号
Contact Information

计量器具名称 读数显微镜
Description

型号/规格 JC10
Model/Type

制造厂 莱州市锦诺硬度块制造有限公司
Manufacturer

出厂编号 20220513 设备管理编号 ----
Serial No. Equipment No.

接收日期 2022 年 12 月 29 日
Date of Receipt Y M D

结果 见校准结果
Results Shown in the results of calibration

校准日期 2023 年 01 月 10 日
Date of Calibration Y M D

批准人 陈伟琪
Approved Signatory

核 验 孙彦锋 孙彦锋
Reviewed by

校 准 余庆滨 余庆滨
Calibrated by

证书专用章
Stamp



扫一扫查真伪



说 明

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DIRECTIONS

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1. 本中心是国家市场监督管理总局在华南地区设立的国家法定计量检定机构, 本中心的质量管理体系符合 ISO/IEC 17025:2017 标准的要求。

This laboratory is the National Legal Metrological Verification Institution in southern China set up by the State Administration for Market Regulation. The quality system is in accordance with ISO/IEC 17025:2017.

2. 本中心所出具的数据均可溯源至国家计量基准和/或国际单位制(SI)。

All data issued by this laboratory are traceable to national primary standards and/or International System of Units (SI).

3. 校准地点、环境条件:

Place and environmental conditions of the calibration:

地点	本中心测绘仪器实验室	温度	21.4 °C	相对湿度	(50±5) %
Place	(Survey Instrument Lab.)	Temperature		R.H.	

4. 本次校准的技术依据:

Reference documents for the calibration:

JJG 571-2004 读数、测量显微镜检定规程 V. R. of Reading Microscope and Measuring Microscope

5. 本次校准所使用的主要计量标准器具:

Major standards of measurement used in the calibration:

设备名称/型号规格	编号	证书号/有效期/溯源单位	计量特性
Name of Equipment	Serial No.	Certificate No./Due Date	Metrological
/Model/Type		/Traceability to	Characteristic
玻璃尺	19021	CD1x2022-01368	$U=0.20 \mu\text{m} (k=3)$
Glass Ruler		/2023-05-05	
/10 mm×10 mm		/国家计量院	

注: 1. 本证书校准结果只与受校准仪器有关。The results relate only to the items calibrated.

Note: 2. 未经本机构书面批准, 不得部分复制此证书。This certificate shall not be reproduced except in full, without the written approval of our laboratory.

3. “委托方”、“委托方联络信息”由委托方提供, “制造厂”、“型号规格”、“出厂编号”以及“设备编号”为仪器上标注, 委托方对上面内容如有异议, 须在收到证书后二十个工作日内提出。

The information **Client** and **Contact Information** are provided by client, and the **Manufacturer**, **Model/Type**, **Serial No.** and **Equipment No.** are marked on the items. Client shall submit any objection within 20 working days after receiving the certificate for the information above.

4. 本次校准日期视为发布日期。The calibration date is the date of issue of the certificate.



校准结果 RESULTS OF CALIBRATION

证书编号 CY202300012
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原始记录号 CY202300012
Record No.

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- | | |
|---|-------------------|
| 1 外观及相互作用:
Appearance and Functions | 符合要求
Pass |
| 2 刻线间的相对位置:
Relative position about manifold reticle | 符合要求
Pass |
| 3 示值误差:
Indication error | 8.2 μm |
| 4 回程误差:
Hysteresis error | 2.0 μm |

说明:

Note:

- | | |
|--|--------------------------------|
| 1 测量范围: (0~6) mm
Measuring range | 分度值: 0.01 mm
Division value |
| 2 “示值误差”测量结果的扩展不确定度:
Expanded uncertainty of measurement for “Indication error” | $U = 0.9 \mu\text{m}$ |
| 包含因子 Coverage factor | $k=2$ |

本证书中给出的扩展不确定度依据JJF1059.1-2012《测量不确定度评定与表示》评定, 由合成标准不确定度乘以包含概率约为95%时对应的包含因子 k 得到。

The expanded uncertainty given in this certificate is evaluated according to JJF 1059.1-2012 *Evaluation and Expression of Uncertainty in Measurement*, which is obtained by multiplying the combined standard uncertainty by the coverage factor k corresponding to the coverage probability of about 95%.

- 3 按照所依据技术文件的规定, 建议复校间隔不超过1年。更换重要部件、维修或对仪器性能有怀疑时, 应及时校准。
According to the demand of reference document, next calibration is proposed within 1 year. In case of replacement of important parts, maintenance or doubt on the performance of the instrument, it shall be calibrated in time.