

# 校准证书



证书编号: 201201229

产品名称: 双槽刮板细度计 (0~15 $\mu$ m)  
 型号: BGD 242/0  
 生产厂家: 标格达精密仪器 (广州) 有限公司  
 产品编号: 2422012002

## 说明

1. 本报告所出具的数据均可溯源至国家计量基准和国际单位制 (SI).
2. 本次校准的技术依据: JJG 905-2010 《刮板细度计检定规程》
3. 本次校准所使用的主要计量标准器具:  
 ① 电感测微仪 (分辨率0.1 $\mu$ m)
4. 校准环境: 温度25.0  $\pm$  1.0  $^{\circ}$ C; 相对湿度RH: 50  $\pm$  5%

## 检定结果

主要检定项目	允差 ( $\mu$ m)	$\mu$ m		H		mil			
		标准值( $\mu$ m)	实测值( $\mu$ m)	标准值	实测值( $\mu$ m)	标准值	实测值( $\mu$ m)		
刮槽深度 ( $\mu$ m)	$\pm 1.5$	0.0	0.4	8.0	0.0 $\mu$ m	0.6	0.00	0.0 $\mu$ m	0.3
	$\pm 1.5$	1.5	1.4	7.9	1.9 $\mu$ m	1.5	0.15	3.8 $\mu$ m	3.8
	$\pm 1.5$	3.0	3.6	7.7	3.8 $\mu$ m	4.7	0.30	7.5 $\mu$ m	7.3
	$\pm 1.5$	4.5	5.0	7.6	5.6 $\mu$ m	5.7	0.45	11.3 $\mu$ m	11.5
	$\pm 1.5$	6.0	6.9	7.4	7.5 $\mu$ m	7.3	0.60	15.0 $\mu$ m	16.2
	$\pm 1.5$	7.5	7.4	7.3	9.4 $\mu$ m	9.1			
	$\pm 1.5$	9.0	9.3	7.1	11.3 $\mu$ m	11.8			
	$\pm 1.5$	10.5	10.0	7.0	13.1 $\mu$ m	12.6			
	$\pm 1.5$	12.0	11.4	6.8	15.0 $\mu$ m	16.0			
	$\pm 1.5$	13.5	13.2						
$\pm 1.5$	15.0	15.8							

说明:

- ① 复检时间间隔, 根据仪器的使用情况, 建议一般不超过1年。

校准日期: 2020年12月01日

批准:

核检:

校准:





# CALIBRATION CERTIFICATE



Certificate No: 201201229

**Description:** Double-Channel Grind Gauge  
**Type:** BGD 242/0  
**Manufacturer:** Biuged Precise Instruments (Guangzhou) CO.,LTD  
**Serial No:** 2422012002

## INTRODUCTION

- All data issued by this laboratory are traceable to national primary standards maintained by National Institute of Metrology (NIM) and International System of Units (SI). NIM is the signatory to the Mutual Recognition Arrangement (MRA) for national measurement standards and for calibration and measurement certificates issued by national metrology institutes.
- Reference documents for the calibration: ISO 1524 《Paints, varnishes and printing inks — Determination of fineness of grind》
- Major standards of measurement used in the calibration: ① Horizontal Metroscope
- Place and environmental conditions of the calibration: Temperature: 25.0±1.0 °C; RH: 50±5%

## RESULTS OF CALIBRATION

Item	MEP ( $\mu\text{m}$ )	$\mu\text{m}$		H		mil			
		STD( $\mu\text{m}$ )	Actual( $\mu\text{m}$ )	STD	Actual( $\mu\text{m}$ )	STD	Actual( $\mu\text{m}$ )		
The depth of the groove	±1.5	0.0	0.4	8.0	0.0 $\mu\text{m}$	0.6	0.00	0.0 $\mu\text{m}$	0.3
	±1.5	1.5	1.4	7.9	1.9 $\mu\text{m}$	1.5	0.15	3.8 $\mu\text{m}$	3.8
	±1.5	3.0	3.6	7.7	3.8 $\mu\text{m}$	4.7	0.30	7.5 $\mu\text{m}$	7.3
	±1.5	4.5	5.0	7.6	5.6 $\mu\text{m}$	5.7	0.45	11.3 $\mu\text{m}$	11.5
	±1.5	6.0	6.9	7.4	7.5 $\mu\text{m}$	7.3	0.60	15.0 $\mu\text{m}$	16.2
	±1.5	7.5	7.4	7.3	9.4 $\mu\text{m}$	9.1			
	±1.5	9.0	9.3	7.1	11.3 $\mu\text{m}$	11.8			
	±1.5	10.5	10.0	7.0	13.1 $\mu\text{m}$	12.6			
	±1.5	12.0	11.4	6.8	15.0 $\mu\text{m}$	16.0			
	±1.5	13.5	13.2						
±1.5	15.0	15.8							

### NOTE

- The Calibration period is due to the use of the instrument, advised to be within one year

Date of Calibration: Dec 01 2020

Approved Signatory:

Inspected by:

Calibrated by:



Biuged Precise Instruments (Guangzhou) CO.,LTD

www.biuged.com