

MICROMETERS

- **METROLOGY** 台灣黑馬牌全新測微器系列產品,結構及設計更獨特,更創新,品質、功能、精度完全升級,絕對物超所值,完全可滿足您的需求和值得您的信任
- 全新系列測微器延續台灣設計創新之精神,結合德國關鍵零組件及傳承百年工藝,中國研磨代工,台灣精密製造、組裝及100%全面嚴謹品質管控和檢驗
- 測微器框體均採用調質硬化鑄件及鋼構,精密螺桿、心軸及量測鉗面經精細研磨和拋光處理,絕對確保其平行度、平面度及整體精度之要求
- 量測精度均參照德國DIN 863、ISO 2012、日本JIS B7502及台灣JCC自訂之規範要求,附符合ISO認證合格之JCC(JINGSTONE CALIBRATION CENTER)原廠英文精度校正報告

EXTERNAL MICROMETERS ACCURACY STANDARDS

DIN 863

JIS B7502

| Measurement Length(mm) | Accuracy limits | Parallelism of the measuring face | | Deformation*2 | Flatness of Measuring face | Parallelism of measuring face | Instrument Error | Deflection of frame load of 10 N *2 | |
|---------------------------|--------------------|--------------------------------------|----|---------------|----------------------------------|-------------------------------------|---------------------|---|----|
| | | *1 | um | | | | | | |
| 0-25 | 4 | 6 | 2 | 2 | 0.6 | 2 | ±2 | 2 | |
| 25-50 | 4 | 6 | 2 | 2 | | | | | |
| 50-75 | 5 | 10 | 3 | 3 | | | | | |
| 75-100 | 5 | 10 | 3 | 3 | | | | | |
| 100-125 | 6 | - | 3 | 4 | | 3 | ±3 | 4 | |
| 125-150 | 6 | - | 3 | 5 | | | | | |
| 150-175 | 7 | - | 4 | 6 | | | | | |
| 175-200 | 7 | - | 4 | 6 | | | 4 | ±4 | 6 |
| 200-225 | 8 | - | 4 | 7 | | | | | |
| 225-250 | 8 | - | 4 | 8 | | | | | |
| 250-275 | 9 | - | 5 | 8 | | 5 | ±5 | 8 | |
| 275-300 | 9 | - | 5 | 9 | | | | | |
| 300-325 | 10 | - | 5 | 10 | | | 1 | ±6 | 10 |
| 325-350 | 10 | - | 5 | 10 | | | | | |
| 350-375 | 11 | - | 6 | 11 | | | | | |
| 375-400 | 11 | - | 6 | 12 | 6 | ±7 | | 12 | |
| 400-425 | 12 | - | 6 | 12 | | | | | |
| 425-450 | 12 | - | 6 | 13 | | | | | |
| 450-475 | 13 | - | 7 | 14 | | 7 | ±8 | 14 | |
| 475-500 | 13 | - | 7 | 15 | | | | | |

*1. Number of interference rings or lines

*2. Acceptable stability deformation from a measurement force of 10N

UNIT: 0.001mm