



## **CALIBRATION CERTIFICATE**

**CERTIFICATE NUMBER** : IHER-24-062 **DATE OF ISSUE** : 12th June 2024  
**APPROVED SIGNATORY** : IP KOK CHOY (✓) , YOGESHWARAN ( )  
**ISSUED BY** : UNIT TEST SCIENTIFIC SDN BHD Page 1 of 2 Pages

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**Attention** : MS IZATUL AZIRA BT YASIP (011-1077 5216)

### **EQUIPMENT IDENTIFICATION**

**Description** : Dial Gauge  
**Model** : N/A  
**Serial Number** : 24J0200  
**Measuring Length** : 13 mm ( L ) x 0.001 mm ( R )  
**Width (W)** : 56.80 mm  
**Length (H)** : 121.35 mm  
**Thickness (T)** : 32.38 mm  
**Calibration Range** : 13 mm  
**Temp / %RH Before** : 21.8 °C 59 %RH  
**Temp / %RH After** : 22.7 °C 40 %RH  
**Date of calibration** : 11th June 2024  
**Due date** : 11th June 2025

### **METHOD OF CALIBRATION**

BS EN 463:2006

### **CALIBRATION STANDARDS**

| <u>Description</u> | <u>Serial Number</u> | <u>Due Date</u> | <u>Cert.No</u> | <u>Traceability</u> |
|--------------------|----------------------|-----------------|----------------|---------------------|
| Dial Gauge Tester  | 410013               | 7/May/25        | NMIM-2227-M-23 | NMIM,Malaysia       |

**Expanded Uncertainty** :  $\pm$  0.009 mn , with coverage factor k = 2





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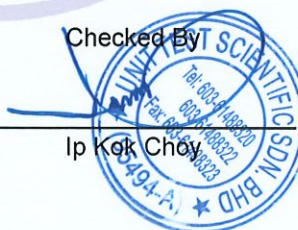
**CALIBRATION RESULT**

| Error                                 |                           | Result (Unit : $\mu\text{m}$ ) | MPE ( $\mu\text{m}$ ) |
|---------------------------------------|---------------------------|--------------------------------|-----------------------|
| Retrace Error                         |                           | 4                              | 5                     |
| Repeatability of Indication           |                           | 0                              | 4                     |
| Error Of Indication over a range of : | any 1/10 revolution       | 4                              | 8                     |
|                                       | any 1/2 revolution        | 5                              | 10                    |
|                                       | any 1 revolution          | 5                              | 15                    |
|                                       | the whole measuring range | 12                             | 25                    |

Calibrated By

Muhd Khairul Nizam

Checked By



Ip Kok Choy

**ACCEPTABLE TO USE**

**Izatul Azira**

**Lab Manager/Approved Signatory**  
**PRO LAB ENGINEERING SERVICES SDN BHD**