



CALIBRATION CERTIFICATE

CERTIFICATE NUMBER : IHER-24-063 **DATE OF ISSUE** : 12th June 2024
APPROVED SIGNATORY : IP KOK CHOY (v) , 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 : 23S0962
Measuring Length : 13 mm (L) x 0.001 mm (R)
Width (W) : 56.81 mm
Length (H) : 121.36 mm
Thickness (T) : 32.37 mm
Calibration Range : 13 mm
Temp / %RH Before : 21.7 °C 59 %RH
Temp / %RH After : 21.6 °C 60 %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 : μm)	MPE (μm)
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