



CALIBRATION CERTIFICATE

CERTIFICATE NUMBER : IHER-24-058 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

Customer Address : PRO LAB ENGINEERING SERVICES SDN BHD
NO 21-G, JALAN BIDARA 8
SAUJANA UTAMA 3
47000 SUNGAI BULOH, SELANGOR

Telephone : 03-6038 8860
Fax : 03-6038 8861
Attention : MS IZATUL AZIRA BT YASIP (011-1077 5216)

EQUIPMENT IDENTIFICATION

Description : Dial Gauge
Model : N/A
Serial Number : 22M1600
Measuring Length : 50 mm (L) x 0.001 mm (R)
Width (W) : 56.6 mm
Length (H) : 249.85 mm
Thickness (T) : 34.84 mm
Calibration Range : 25 mm
Temp / %RH Before : 22.5 °C 58 %RH
Temp / %RH After : 22.0 °C 56 %RH
Date of calibration : 11th June 2024
Due date : 11th June 2025

METHOD OF CALIBRATION BS EN 463:2006

CALIBRATION STANDARDS

Description	Serial Number	Due Date	Cert.No	Traceability
Dial Gauge Calb. Tester	410013	7.05.2025	NMIM-2227-M-23	NMIM(M'Sia)

Expanded Uncertainty : $\pm$ 0.008 mm , with coverage factor k = 2

Approved Signatory





CERTIFICATE NUMBER : IHER-24-058

DATE OF ISSUE : 12th June 2024

Page 2 of 2 Pages

CALIBRATION RESULT

Error		Result (Unit : μm)	MPE (μm)
Retrace Error		0	7
Repeatability of Indication		0	5
Error Of Indication over a range of :	any 1/10 revolution	3	10
	any 1/2 revolution	7	12
	any 1 revolution	6	15
	the whole measuring range	10	30

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