



ACAL-1-0118-324A

SCOPE OF ACCREDITATION

INSTRU-TECH PHILIPPINES, INC.

**UG7 Tower B, The Palm Towers, St. Paul Road
San Antonio Village, Makati City**

Calibration

Products/ Class of Test	Measured quantities/ instrument	Range to be calibrated	Calibration and Measurement Capability (CMC)*	Standard Method/ Reference Standard
5.01 Limit Gauges				
01 Plain Plug Gauges	Calibration of Pin Gauge	Up to 10 mm 10 to 15 mm 15 to 20 mm 25 to 50 mm	0.62 µm 0.64 µm 0.66 µm 0.78 µm	IT-CP-07 rev. 1
	Calibration of Plain Plug Gauge	Up to 10 mm 10 to 15 mm 15 to 20 mm 25 to 50 mm	0.62 µm 0.64 µm 0.66 µm 0.78 µm	IT-CP-07 rev. 1
02 Plain Ring Gauges	Calibration of Plain Ring Gauges	10 to 25 mm	0.76 µm	IT-CP-08 rev. 1
5.03 Engineering metrology equipment				
01 Surface Plates	Calibration of Surface Plates	up to 3000 mm x 3000 mm	1.2 µm	IT-CP-05 rev. 1
18 Internal/ External Micrometers	Calibration of External/Outside Micrometer	0-25 mm 25-50 mm 50-75 mm 75-100 mm 100-125 mm	0.64 µm 0.77 µm 0.95 µm 1.2 µm 1.4 µm	IT-CP-02 rev. 1
	Calibration of Digital External/ Outside Micrometer	0-25 mm 25-50 mm 50-75 mm 75-100 mm 100-125 mm	0.64 µm 0.77 µm 0.95 µm 1.2 µm 1.4 µm	IT-CP-02 rev. 1
	Calibration of Internal/ Stick micrometer	0-25 mm 25-50 mm 50-75 mm 75-100 mm	0.87 µm 0.97 µm 1.2 µm 1.3 µm	IT-CP-10 rev. 1



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.19 Height and Depth Gauges	Calibration of Vernier Height Gauge	0-300 mm	12 µm	IT-CP-04 rev. 1
	Calibration of Digital Height Gauge	0-300 mm	6.7 µm	IT-CP-04 rev. 1
.22 Electronic, vernier and dial calipers	Calibration of Digital Caliper	0-150 mm	6.2 µm	IT-CP-03 rev. 1
		0-200 mm	6.4 µm	
		0-300 mm	6.7 µm	
	Calibration of Vernier Caliper	0-150 mm	12 µm	IT-CP-03 rev. 1
		0-200 mm	12 µm	
		0-300 mm	12 µm	
	Calibration of Dial Caliper	0-150 mm	12 µm	IT-CP-03 rev. 1
		0-200 mm	12 µm	
		0-300 mm	12 µm	
.24 Feeler Gauges	Calibration of Feeler Gauge	0 to 5 mm	0.62 µm	IT-CP-09 rev. 1
.27 Micrometer setting gauges	Calibration of Setting Rod	0-25 mm	0.66 µm	IT-CP-11 rev. 1
		25-50 mm	0.79 µm	
		50-75 mm	0.96 µm	
		75-100mm	1.2 µm	
5.07 Length and angle standards				
.04 Gauge blocks and accessories	Calibration of Steel Gauge Block	0.5-25 mm	0.09 µm	IT-CP-01 rev. 0 (ISO 3650:1998)
		25-50 mm	0.11 µm	
50-75 mm		0.12 µm		
75-100 mm		0.14 µm		
	Calibration of Carbide Gauge Block	0.5-25 mm	0.09 µm	IT-CP-01 rev. 0 (ISO 3650:1998)
		25-50 mm	0.11 µm	
		50-75 mm	0.12 µm	
		75-100 mm	0.14 µm	



**Philippine
Accreditation
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	Calibration Gauge Block of Ceramic	0.5-25 mm 25-50 mm 50-75 mm 75-100 mm	0.09 μ m 0.11 μ m 0.12 μ m 0.14 μ m	IT-CP-01 rev 0 (ISO 3650:1998)

* CMC expressed as an expanded uncertainty having a specific coverage probability of approximately 95%

This Scope of Accreditation is valid until 22 January 2023 subject to continuing conformity with the criteria and PAB conditions for accreditation.


ERNANI M. DIONISIO
Director III
Philippine Accreditation Bureau


**PAB ACCREDITED
CALIBRATION LABORATORY**
PNS ISO/IEC 17025:2005
LA-2018-324A