



**DIMENSIONAL CALIBRATION
LABORATORY OF THAMMASAT UNIVERSITY
RANGSIT CAMPUS
99 Moo 18 Klong Luang, Pathumthani 12120, Thailand
Telephone : 0-2564-3001-9
Fax : 0-2564-3017**



Price List

Item	Description	Range	Accuracy/Resolution	Price (Baht)
1	Gauge Block (Steel , Ceramic , Carbide)	0 -100 mm	Grade 0	400/Each
			Grade 1 , 2	300/Each
		150 -500 mm	Grade 1,2	1500/Each
2	Outside Micrometer, Digimatic Outside Micrometer, Digit Outside Micrometer	0-25 mm	0.01 , 0.001 mm	750
		25-300 mm		900
		300-500 mm		1200
3	Inside Micrometer, Digimatic Inside Micrometer, Digit Inside Micrometer	0-25 mm	0.001 mm	750
		25-50 mm		900
		50-75 mm		1200
4	Depth Micrometer, Digimatic Depth Micrometer, Digit Depth Micrometer	0-25 mm	0.01 , 0.001 mm	900
		25-300 mm		300(Per Rod)
5	Inside Vernier Caliper, Inside Dial Caliper, Inside Digimatic Caliper	100 mm	0.01 mm	750
		150 mm		800
		200-300 mm		900
6	Vernier Depth Gauge, Dial Depth Gauge, Digimatic Depth Gauge	100 mm	0.01 mm	750
		150 mm		1000
		200-300 mm		1200
7	Vernier Hieght Gauge, Dial Hieght Gauge, Digimatic Hieght Gauge, Digital Counter Type	150 mm	0.01 mm	800
		200 mm		1000
		300 mm		1200
8	Gauge Block Comparator	0-100 mm	Grade 0	15000
9	Universal Length Measuring Machine	0-500 mm	$(0.05 + l/2000) \mu\text{m}$	15000



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Item	Description	Range	Accuracy/Resolution	Price (Baht)
10	Dial Gauge , Dial Indicator	0-5 mm	0.01 mm	500
		0-10 mm		750
		0-20 mm		900
		0-50 mm		1000
		0-100 mm		1200
		0-5 mm	0.001 mm	1000
11	Dial Test Indicator	0.5-1 mm	0.01 mm	1000
		0.2-0.28 mm		1200
		0-1 mm	0.001 mm	1400
12	Digimetic Indicator	0-20 mm	0.01 mm	1000
		0-50 mm		1200
		0-100 mm		1400
		0-20 mm	0.001 mm	1200
		0-50 mm		1400
		0-100 mm		1600
13	Dial Comparators	0-1.5 mm	0.01-0.05 mm	1000
		0.13 mm	0.001-0.005 mm	1400
14	Digimetic Thickness Gauge, Dial Thickness Gauge	0-10 mm	0.001 mm	1000
		0-20 mm		1200
15	Feeler Gauge	Up to 1 mm	0.1	100/Each
16	Snap Gauge	50-300 mm	$(0.05+L/2000) \mu\text{m}$	750/Head
17	Ring Gauge	15-300 mm		750/Each
18	Plug Gauge , Pin Gauge, Limit Gauge	0.1-200 mm		750/Head
19	Thread Plug Gauge	0.25-14 mm		1000/ Head
20	Thread Ring Gauge	0.25-14 mm		1500/ Each



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Price List of Measurement

Item	Description	Range	Accuracy	Price (Baht)
1	- Bore center	600 mm	0.1 μ m	500 first side 200/Point
2	- Shaft center			
3	- Index circle center			
4	- Distance between bore/shaft/planes			
5	- Bore diameter			
6	- Index circle diameter			
7	- Perpendicularity error			
8	- Radial and axial run-out			
9	- Flatness error			
10	- Hieght			
11	- Roundness	Diameter up to 240 mm		2000 first side 750/Point
12	- Cylindricity			
13	- Flatness			
14	- Radial run-out			
15	- Axail run-out			
16	- Total Radial run-out			
17	- Total Axail run-out			
18	- Coaxaility			
19	- Concentricity			
20	- Perpendicularity			
21	- Angularity			
22	- Conicity			



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Item	Description	Range	Accuracy/Resolution	Price (Baht)
23	- Roughness (Ra, Rz, Rmax, Rsm)	-	0.1 μ m	1500 first side 500/Point
24	- Straight line	Max 200 mm		
25	- Radius	-		
26	- Angle	360 ⁰		
27	- Surface	-		

