

ขอข่าย บริการสอบเทียบ Scope of Calibration

Mass

Weight Class OIML F1,F2
Weight Class OIML M1-2-3
Electronic Balances
Spring Balances
Torque Drivers
Torque Wrenches
Torque Gauges
Torque Testers / Torque Meters
Push-Pull Scales / Force Gauges
Tension Gauges

Dimension

Gauge Blocks [Steel, Ceramic, Carbide]
Dial Gauges / Digital Indicators
Dial Test Indicators
Microindicators
Outside / Inside Micrometers
Depth Micrometer
Vernier Caliper (Vernier, Dial, Digital Types)
Height Gauges
Depth Gauges (Vernier, Dial, Digital Types)
Feeler Gauges
Thickness Gauges (Dial, Digital Types)
Coating Thickness Gauges
Holtests
Measuring Microscopes
Profile Projectors
Steel Rules
Steel Tape Measures
Textile Tape Measures
Depth Micro Checkers
Surface Plates
Go-No Go Plain Plug Gauges
Go-No Go Thread Plug Gauges
Pin Gauges

Electrical & Power Energy

Voltage, AC and DC
Current, AC and DC
Power Meter
Clamp on Meter
Withstanding/Insulation
Resistance
Capacitance
Inductance
Frequency
RF Power

Pressure & Vacuum

Pressure Gauge
Pressure Transmitter
Test Gauge
Vacuum Gauge

Temperature & Humidity

Soldering Iron Testers
Dip Testers
Temperature Recorders
Hybrid Recorders
Temperature Controllers
RTD Indicators
RTD Simulators
Thermocouple Simulators

Other Items Of Calibration

Oven
Sound
Vibration
Anemometer
Tacho
Particulate
Conductivity , pH

Calibration Service

บริการสอบเทียบห้องปฏิบัติการ Laboratory Calibration
บริการสอบเทียบ นอกสถานที่ Service Calibration On-Site
บริการซ่อม และ ปรับเทียบ Service Repair & Adjustment
บริการรับ - ส่ง เครื่องมือ Delivery Service

Siam General Instrument Co.,LTD.

ขอขายบริการสอบเทียบสาขาวิชาด้าน ไฟฟ้า

Item No.	Electrical & Electronics Test Measurement Equipment		Page :
No.	Description	Range of Measurement	1 of 4
1	Analog Multimeter	All Range	
2	Digital Multimeter (< 5 1/2 Digit)	All Range	
3	Digital Multimeter (< 4 1/2 Digit)	All Range	
4	Panel DC Voltmeter	0 V to 1000 V	
5	Panel AC Voltmeter	0 V to 1000 V	
6	Panel DC Ammeter	0 A to 19.9999 A	
7	Panel AC Ammeter	0 A to 19.9999 A	
8	milli , Ohm meter	0 - 330 MW	
9	Earth Meter	All Range	
10	LCR Meter	All Range	
11	Clamp On Meter (AC/DC)	All Range	
12	Power meter (Single phase)	11 kW	
13	Watt Meter Analog (AC/DC)(single phase)	up to 50 kW	
14	Watt Meter Digital (AC/DC)(single phase)	up to 50 kW	
15	DC Voltage Source	10 mV to 1000 V	
16	AC Voltage Source	10 mV to 1000 V	
17	DC Current Source	0.1 mA to 3 A	
18	AC Current Source	10 mA to 3 A	
19	Ohm Source	0 W to 100 MW	
20	AC/DC Highvoltage (Source,Measurement)	0 kV to 6.5 kV (AC)/10 kV(DC)	
21	Insulation meter	1 Mohm to 2 Gohm	
22	Withstanding Voltage Tester	0 to 10 kV	
23	Withstanding/Insulation Tester	1 to 10 kV / 1 Mohm to 2 Gohm	
24	Gauss meter	1G - 12G, 100G, 500G, 1000G	
25	Oscilloscope (100V to 100 V _{p-p} ,5s to 1ns)	0 to 250 MHz	
26	Frequency Generator (1 to 10 ⁵ Period)	0 to 300 MHz	
27	Digital Tachometer/Stroboscope	rpm, m/min	
28	Frequency Counter	10 kHz to 1,350 MHz	
29	Quartz Stop Watch	second,minute,hour & rpm,m/min	
30	Timer	second, minute, hour	

ขอข่ายบริการสอบเทียบสาขาด้ำน มิติ

Item No.	Dimensional/Measurement Equipment		Page :
	Description	Range of Measurement	2 of 4
1	Outside Micrometer	0 mm to 350 mm	
2	Inside Micrometer	5 mm to 30 mm	
3	Micro meter Head	0 mm to 25 mm	
4	Can Seam Micrometer	0 mm to 13 mm	
5	Dial Gauge / Dial Thickness Gauge	0 mm to 100 mm	
6	Dial Test Indicator	0 mm to 1 mm	
7	Depth Gauge (Digital / Analog)	0 mm to 150 mm	
8	Depth Micrometer	0 mm to 150 mm	
9	High Gauge (Digital / Analog) (<300 mm)	0 mm to 300 mm	
10	High Gauge (Digital / Analog) (>300 mm)	0 mm to 600 mm	
11	Vernier Caliper (Digital / Analog) (<300 mm)	0 mm to 300 mm	
12	Vernier Caliper (Digital / Analog) (>300 mm)	0 mm to 1000 mm	
13	Dial Gauge Tester, Micro meter Head	0 mm to 50 mm	
14	Gauge Block (Grade 0,1,2)	0.5 mm to 100 mm	
15	Steel Ruler (mm),(cm),(inch)	0 mm to 2 m	
16	Steel Tape	0 mm to 5 m	
17	Micrometer Standard / Standard bar	0 mm to 300 mm	
18	Feeler Gauge/Thickness Gauge/Film Gauge	0 mm to 10 mm	
19	Taper Gauge (Scale Type)	0 mm to 100 mm	
20	Linear Scal	0 mm to 1000 mm	
21	Thread Plug Gage (GO,NO GO) **	All Size	
22	Thread Ring Gage (GO,NO GO) **	All Size	
23	Profile Projector	0 mm to 300 mm	
24	Measuring Microscope	0 mm to 300 mm	
25	Surface Plate (Square meter)	0 mm to 450 mm	
	(Square meter)	0 mm to 650 mm	
	(Square meter)	0 mm to 750 mm	
	(Square meter)	0 mm to 1000 mm	
	(Square meter)	0 mm to 1500 mm	

ขอขายบริการสอบเทียบสาขาความดัน และ อัตราการไหล

Item	Flow & Pressure Test/Measurement Equipment		Page :
No.	Description	Range of Measurement	3 of 4
1	Thermal Mass Flowmeter	---	
2	Magnetic Liquid Flow Meters	---	
3	Anemometer Air Velocity Meter	---	
4	Turbine Flowmeter	---	
5	Rota meter	---	
6	Pressure Gauge	---	
7	Standard Pressure Gauge	---	
8	Test Gauge	up to 35 kg/cm ²	
9	Pressure Transmitter	up to 700 bar	
10	Pressure Indicator / Controller	---	
11	Vacuum Gauge	---	

ขอขายบริการสอบเทียบสาขาความแรง และ น้ำหนัก

Item	Forec & Mass Test/Measurement Equipment		
No.	Description	Range of Measurement	
1	Beam Balance	1 mg to 60 kg	
2	Electronic Balance	1 mg to 50 kg	
		> 50 kg to 300 kg	
3	Push - Pull Gauge	1 mg to 60 kg	
4	Force Gauge, Tension Gauge	1 mg to 60 kg	
5	Spring Balance	1 mg to 50 kg	
6	Torque Wrench Meter / Torque Screw Driver	up to 50 lbf.ft./>50 to 1,000 lbf.ft.	
7	Weights (Class F1)	1 mg to 20 kg	
8	Weights (Class F2,M1,M2)	1 mg to 50 kg	
9	Vicker Hardness Tester	All Type	
10	Micro Veckers Hardness Tester	All Type	
11	Rockwell Hardness Tester	All Type	

ขอขายบริการสอบเทียบสาขาด้าน อุณหภูมิ และ ความชื้น

Item No.	Temperature Test/Measurement Equipment		Page :
	Description	Range of Measurement	4 of 4
1	Digital Thermometer with probe	-38 °C to 900 °C	
2	Liquid in Glass Thermometer	-38 °C to 400 °C	
3	Dial Thermometer , Temp. Gauge	-38 °C to 400 °C	
4	Data Logger with probe	-38 °C to 400 °C	
5	MIG Thermometer , Thermometer for Retort	0 °C to 200 °C	
6	Digital Thermometer with Surface probe	35 °C to 400 °C	
7	Thermocouple Type E , T , K , J , N	-38 °C to 400 °C	
8	Thermocouple Type K , R , S	-40 °C to 900 °C	
9	Resistance Temperature Detector (RTD) (Pt100) 2 , 3 , 4 wires	-80 °C to 420 °C -38 °C to 400 °C	
10	Temperature Recorder with probe	-80 °C to 1100 °C	
11	Temperature Transmitter with probe	-80 °C to 1100 °C	
12	Temperature Transmitter with probe	-38 °C to 400 °C	
13	Water Bath , Testing Bath	5 °C to 100 °C	
14	Oil Bath	-38 °C to 400 °C	
15	Dry Block	-38 °C to 420 °C	
16	Oven , Incubator , Freezer , Refrigerator	-30 °C to 200 °C	
17	Infrared Thermometer	35 °C to 500 °C	
18	Temperature Recorder , Indicator(I/O : mV , Ohm)	Every Range, Type & Standard	
19	Temperature Transmitter	Every Range, Type & Standard	
20	Temperature Calibrator(Input , Output : mV , Ohm)	Every Range, Type & Standard	
21	Thermohygrometer (Temperature & Humidity)	10° C, 40 °C/11.3 % RH, 85% RH	

1	On - Site Calibration	วันจันทร์-ศุกร์
2	On - Site Calibration	วันเสาร์, วันอาทิตย์, วันหยุดนักขัตฤกษ์



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