Obsnapgroup

OBSNAP CALIBRATION SDN BHD (1222585-W)

No. 29A, Jalan SS 15/4C, 47500 Subang Jaya, Selangor, Malaysia

Tel: 03-5621 5786 | Fax: 03-5621 5829

Web: www.obsnap.com | Email: calibration@obsnap.com





FIELDS OF CALIBRATION : HEAT & TEMPERATURE, MASS, FORCE, HARDNESS

PRESSURE, VOLUME, VISOSCITY, OPTICAL, DIMENSIONAL,

TIME & FREQUENCY

SCOPE OF CAPABILITY : DIMENSION

INSTRUMENT CALIBRATED	RANGE	REMARK
Thickness Gauge (Dial/Digimatic)	0 mm to 25 mm	2
Coating Thickness Gauge	0 μm to 3000 μm	702
Non Metallic Thickness Foil	0 μm to 3000 μm	
Caliper	0 μm to 150 μm	<u> </u>
Ultrasonic Thickness Gauge	0 mm to 100 mm	ISO/IEC 17025
Gauge Block	0 to 10 mm	
Micrometer	0 to 10 mm	
Micrometer Head/ Calibration Tester	0 to 23 mm	
Height Gauge	0 to 300 mm	
Stainless Steel Ruler	0 to 2000 mm	
Measuring Tape	0 to 100 m	
Dial Test Indicator	up to 10 mm	
Square, L-Square	0 to 1000 mm	
Angle (Angle Block, Protractor)	0 to 360 °	
Precision Level / Spirit Level / Water Level	0.02 mm/m to 0.1 mm/m	
Glass Scale / Peak Lupe Scale	0 to 400 mm	
MU checker	0 to 10 mm	<u> </u>
Feeler Gauge	0.01 mm to 10 mm	
Pin Gauge	0.0001 mm to 10 mm	
Thread Plug Gauge	up to 50 mm	
Thread Ring Gauge	up to 50 mm	ISO TRACEABLE
Radius Gauge	please call for confirm	So
Laser Distance Meter	0.1 m to 30 m	
Length Counter	up to 100 m	
Welding Gauge	please call for confirm	
Taper Gauge	up to 20 mm	
Jigs	Length	
Combination Set	Angle, Length & Flatness	
Roughness Measuring Machine / Tester	please call for confirm	
SITE – CATEGORY 1		
Microscope	0 to 100 mm	
Profile Projector	0 to 300 mm	

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SCOPE OF CAPABILITY : TEMPERATURE

INSTRUMENT CALIBRATED	RANGE	REMARK
Temperature Sensor	-80 °C to 650 °C	
Temperature Measuring Device – Stimulation,		
Thermocouple		
R	0 °C to 1700 °C	
B#	600 °C to 1800 °C	
K	-100 °C to 1300 °C	
E	-100 °C to 850 °C	
J	-100 °C to 1050 °C	
T	-100 °C to 390 °C	
S	0 °C to 1700 °C	
Liquid-In-Glass Thermometer	-80 °C to 650 °C	
Temperature & Humidity Indicator or Recorder	-40 °C to 60 °C	
Thermohygrograph, Thermohygrometer, Data Logger	10 %RH to 90 %RH	
Temperature Block Calibrator (Dry Block)	-80 °C to 1200 °C	TE
Infrared Thermometer	-80 °C to 650 °C	AB
		CE
SITE – CATEGORY 1		ISO TRACEABLE
Temperature Controller Enclosure	-80 °C to 1200 °C	T (
(Exp: chiller,freezer,oven,incubator,furnace)	-80 C to 1200 C	ISC
Temperature Measuring Device – Stimulation,		
Thermocouple		
R	0 °C to 1700 °C	
B #	600 °C to 1800 °C	
K	-100 °C to 1300 °C	
E	-100 °C to 850 °C	
J	-100 °C to 1050 °C	
T	-100 °C to 390 °C	
S	0 °C to 1700 °C	
Liquid-In-Glass Thermometer	0 °C to 400 °C	
Temperature Block Calibrator (Dry Block)	-80 °C to 1200 °C	
Temperature Liquid Bath/ Water Bath/ Oil Bath	-80 °C to 250 °C	
Humidity Chamber	-40 °C to 60 °C; 20 %RH to 95 %RH	

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SCOPE OF CAPABILITY : MASS & MASS RELATED

INSTRUMENT CALIBRATED	RANGE	REMARK
Force Measuring Device (Compression)	0 N to 10 kN	ISO/IEC 17025
Belt Tension	0 N to 1 kN	Ξ
Adhesion Tester	0 N to 50 kN	
Standard Weight/ Dead Weight	up to 30 kg	ISO
SITE – CATEGORY 1	,	,
Universal Testing Machine	0.5 kN to 300 kN	ISO/IEC 17025
Standard Weight/ Dead Weight	up to 30 kg	П
Weighing Balance	up to 600 kg	BL
Tanker	1 ton	SO
Volume Tank	10000 liter	ISO

INSTRUMENT CALIBRATED	RANGE	REMARK
Pressure Measuring Device	0 bar to 700 bar	
Pressure Gauge, Pressure Transducer, Test Gauge & etc		
Manometer	-1 bar to 2 bar	
Vacuum Measuring Device	-1 bar to 0 bar	T H
Vacuum Gauge, Vacuum Transducer & etc		CEABLE
Deadweight Tester	0 bar to 700 bar	CE
SITE - CATEGORY 1		TRA
Pressure Measuring Device	0 bar to 700 bar	
Pressure Gauge, Pressure Transducer, Test Gauge & etc		ISO
Manometer	-1 bar to 2 bar	
Vacuum Measuring Device	-1 bar to 0 bar	
Vacuum Gauge, Vacuum Transducer & etc		

SCOPE OF CAPABILITY : VOLUMETRIC

INSTRUMENT CALIBRATED	RANGE	REMARK
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up to 1000 ml	
up to 1000 ml	
up to 5000 ml	
up to 5000 ml	ABLE
up to 50 ml	
Cup 2, 3, 4	CE
Cup 3, 4, 5	KA
0 % to 90 %	TR (
0 % to 90 %	OSI
up to 1.850 g/ml	
pH 4 ~ 10	
$0.05 \sim 12880 \ \mu \text{S/cm}$	
	up to 1000 ml up to 5000 ml up to 5000 ml up to 50 ml Cup 2, 3, 4 Cup 3, 4, 5 0 % to 90 % 0 % to 90 % up to 1.850 g/ml pH 4 ~ 10

FIELDS OF CALIBRATION : HEAT & TEMPERATURE, MASS, FORCE, HARDNESS

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TIME & FREQUENCY

SCOPE OF CAPABILITY : TIME & FREQUENCY

INSTRUMENT CALIBRATED	RANGE	REMARK
Tachometer	60 rpm to 40000 rpm	
Stroboscope	60 rpm to 40000 rpm	п
Stopwatch	up to 3 hours	BI
Timer	up to 3 hours	EA
SITE – CATEGORY 1		\text{\tin}\text{\tint{\text{\tetx{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tin}\text{\ti}}\\ \tittt{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\texi}\text{\text{\texi}\text{\text{\texi}\tint{\text{\texi}\tilit{\text{\texi}\tiint{\text{\tiint{\text{\ti}}\tinttitex{\tiint{\text{\tiint{\texit{\texi{\texi{\texi{\texi}
RPM Measuring Instrument (Contact, Non-Contact)	60 rpm to 40000 rpm	. OSI
Stopwatch	0 to 3 hours	SI
Timer (relay/countup/countdown)	0 to 3 hours	

SCOPE OF CAPABILITY : OTHERS

INSTRUMENT CALIBRATED	RANGE	REMARK
Hardness Durometer (Type A, B, C, D, E, O, DO, OO)	0 to 100 shore hardness index	
Hardness Block	HRA, HRB, HRC, HD & etc	
Elmendorf Tearing Tester	0 to 100 scale	
Anemometer (Vane, Hot Wire, Pitot)	0 to 20 m/s	
Laminar Flow	0 to 20 m/s	
Fume Hood	0 to 20 m/s	пj
Lux Meter	0 to 1200 Lux	BL
Sound Level Meter, Sound Level Calibrator	94 & 114 dB	ISO TRACEABLE
Moisture Meter	6 %MC to 27 %MC	AC
Gas Detector	H ₂ S (Hydrogen Sulfide)	I.R.
	O2 (Oxygen)	. 09
	N ₂ (Nitrogen)	31
	NH2 (Ammonia)	
Vibration Meter	up to 30 mms-1	
	up to 30 ms-2	
SITE – CATEGORY 1		
Rockwell Hardness Tester	HRA, HRB, HRC, HD & etc	