



NABL Accredited Lab



SANSEL CALIBRATION LABORATORIES LLP

We are ISO IEC 17025 Standard Accredited Calibration Laboratory approved by NABL, India, in the field of Thermal, Mechanical, Electro-Technical and Dimensional Parameters with a 15 years of expertise in calibration field.

Our Scope

Thermal

Mechanical

Electro-Technical

Dimensional

Expert Calibration Services at Your Doorstep – Contact Us Now!

www.sansel.net



DIMENSION LAB



ELECTRO-TECHNICAL LAB

MECHANICAL LAB
Mass & Volume



Thermal discipline scope details in different groups



Temperature Bath



Temperature Sensor

Humidity Temperature Meter



Pyrometer



Temperature Gauge



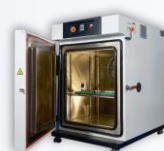
Blackbody Source



RTD Sensor



Humidity Chamber



Hot Air Oven



Temperature Transmitter



Hygrometer

Calibration Instruments / Parameters

Range

Humidity and Temperature

Humidity & temperature meter, Hygrometer, Humidity transmitter

Humidity & temperature Indicator with sensor, Environmental Monitor system

5 to 95%RH @ 25°C

0 to 60°C @ 50%RH

10 to 95%RH @ 10 to 60°C

Dew point Meter, Dew point Transmitter

-20°C to 20°C

Contact Temperature

RTD Sensor, Thermocouple, Indicator with Sensor, Temperature Gauge &

Temperature Transmitter

-100 to 1500°C

Temperature Bath, Liquid bath, Dry block calibrator, Cryo bath, sub zero bath, low temperature bath

-100 to 1500°C

Non contact Temperature

Pyrometer, IR Thermometer, Pyrometer with Transmitter, Gun Type Pyrometer

-30 to 1500°C

Black body source, Black Body Furnace, Pyrometer calibrator

-30 to 1500°C

Thermal Mapping

Hot air oven, Furnace, Moving Chamber/furnace Deep Freezer, Refrigerator BOD

Incubator, Incubator, Autoclave

-80 to 1200°C

Humidity and Temperature Mapping

Temperature and humidity Chamber Climatic Chamber, Environmental chamber

5 to 95%RH @ 25 °C

0 to 60°C @ 50%RH

13 to 90%RH @ 10 to 60 °C

Dew Point Chamber

-20 to 20°C



SANSEL NABL
Scope QR link

For Detailed Scope Please Refer Below Link

<https://nablwp.qci.org.in/CertificateScopenew?x=IWBXQSSnA7RyH/1nGg8Vzw==>

Electro-Technical discipline scope details in different groups



6.5 Digit
Multimeter



Stop Watch



High Current
source



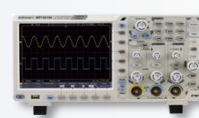
Power meter



High Voltage source



Resistance
Box



Oscilloscope



Clamp
meter



LCR
Meter



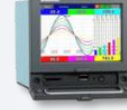
Controller



Multifunction
Calibrator



Power
source



Data
logger

Calibration Instruments	Parameter	Range	
Measure Type Multimeter (upto 6.5 digit) Clamp meter Earth Resistances tester Digital/Analog Insulation Tester LCR Meter Power meter Frequency meter Capacitances meter Oscilloscope Temperature controller Data logger Ammeter/Voltmeter/ohm meter Process indicator		Source Range	Measure Range
	DC Voltage	0.1mV to 1000V	0.1mV to 30kV
	AC Voltage	1mV to 1000V	1mV to 25kV
	DC Current	1 μ A to 1000A	1 μ A to 100A
	AC Current	30 μ A to 1000A	10 μ A to 10A
	DC Resistance	0.001 Ω to 1T Ω	0.005 Ω to 1000M Ω
	AC Resistance (1Hz)	1 Ω to 10 k Ω	1 Ω to 10 k Ω
	Capacitances (1Hz)	100 pF to 100 μ F	100 pF to 100 μ F
	Inductance (1Hz)	100 μ F to 10 H	100 μ F to 10 H
	Frequency	1Hz to 200MHz	3Hz to 1000KHz
	RTD	-200°C to 800°C	-200°C to 850°C
Measure & Source Type Temperature calibrator Multi function Calibrator mA/mV Calibrator / Loop Calibrator RTD/Thermocouple Calibrator	THERMOCOUPLE		
	E-Type	-200°C to 1000°C	-200°C to 1000°C
	B-Type	600°C to 1800°C	450°C to 1800°C
	J-Type	-200°C to 1200°C	-200°C to 1200°C
	K-Type	-200°C to 1340°C	-200°C to 1350°C
	N-Type	-200°C to 1300°C	-200°C to 1300°C
	S / R-Type	0°C to 1750°C	0°C to 1750°C
	T-Type	-200°C to 400°C	-200°C to 400°C
Source Type Voltage/Current source Multi product calibrator High Voltage/Current source AC/DC Resistance box Inductance / Capacitances box Frequency generator RTD/Thermocouple Source mA/mV source Timer/Stop Watch	DC POWER	0.1W to 20kW	Timer 1s to 86400s
	AC POWER	4W to 6kW	
	POWER FACTOR	0.2PF (Lead/Lag) to UF	
	Oscilloscope		
	AC/DC Voltage	1mV to 120V	
	Bandwidth	50 kHz to 1.1 GHz	
	Time Base	1 ns to 5s	



SANSEL NABL
Scope QR link

For Detailed Scope Please Refer Below Link

<https://nablwp.qci.org.in/CertificateScopenew?x=IWBXQSSnA7RyH/1nCg8Vzw==>

Dimension discipline scope details in different groups



Instruments	Range
THICKNESS GAUGE (DIAL / DIGITAL)	0 to 25 mm
DIAL CALIPER GAUGE (INT / EXT)	2.5 mm to 100 mm
WIDTH GAUGE	> 0.5 mm to 20 mm
THREAD MEASURING WIRES	1 mm to 6.35 mm
LEVER TYPE DIAL GAUGE	0 to 0.8 mm/0.14 mm
VERNIER/DIAL/DIGITAL CALIPERS	0 to 600 mm
BORE GAUGE (Only Transmission error)	0 to 1.2 mm
DEPTH GAUGES	0 to 300 mm
DEPTH MICROMETER	0 to 300 mm
EXTERNAL MICROMETER	0 to 300 mm
FEELER GAUGE	0 to 2 mm
HEIGHT GAUGE	0 to 600 mm

Instruments	Range
INTERNAL MICROMETER	> 50 mm to 300 mm
MEASURING PIN	0.5 mm to 25 mm
MICROMETER SETTING STAND	0 mm to 300mm
PISTOL CALIPER	0 to 50 mm
PLAIN PLUG GAUGE	3 mm to 100 mm
PLUNGER DIAL GAUGE	0 to 25 mm
SNAP GAUGE	> 3 mm to 100 mm
Master Foils	0.01to 3 mm
Measuring Tape/Pie Tape,	0 to 30 m
Measuring Scale	0 to 1000 mm
Coating Thickness Gauge	0 to 2.0 mm



SANSEL NABL
Scope QR link

For Detailed Scope Please Refer Below Link

<https://nablwp.qci.org.in/CertificateScopenew?x=IWBXQSSnA7RyH/1nGg8Vzw==>

Mechanical discipline scope details in different groups



Instruments	Range
Tachometer Speed Indicator with sensor	Acceleration (speed) 6 rpm to 99950 rpm (non-contact) 6 rpm to 12000 rpm (contact)
Sound Level Meter	Acoustics(sound) 94dB & 114 dB @ 1kHz
Pressure/Vacuum Gauge Pressure Calibrator/switch Pressure indicator with transmitter Analog/Digital Manometer Analog/Digital Barometer Low Pressure Calibrator	Pressure ± 25mbar ± 200 mbar 0.1 bar to 3 bar(Abs) -1 bar to 35 bar 0 to 1000 bar
MICRO PIPETTE, Pipette, Burette, Volumetric Flask, Measuring Cylinder & Volumetric Flask	Volume 1 µl to 10 ml 1 ml to 5000ml
E2,F1,F2,M1.. Class Weights F2,M1,M2.. Class Weights M1,M2,BRASS,IRON Class Weights	Mass (weights) 1 mg to 220g 500 g to 20 kg 20 kg to 50 kg
Weighing Scale / Balance Electronic Weighing machine, Analytical Balance	Weighing Scale and Balance 1mg to 300kg

For detailed Scope please refer our below Scope Link or Contact our Marketing Executive 



SANSEL NABL
Scope QR link

For Detailed Scope Please Refer Below Link
<https://nablwp.qci.org.in/CertificateScopenew?x=IWBXQSSnA7RyH/1nCg8Vzw==>

Non Accredited Calibration details



pH Meter



TDS Meter



Online pH & Conductivity Meter



Pen type pH meter



Anemometer



Lux Meter



Conductivity Meter

Lab can Calibrate the Instruments with traceable Instruments / Solution
Range of calibration depends on Instrument specification or availability of references

MANUFACTURER OF:

CALBRATORS

Liquid Calibration Bath, Dry Block Temperature Calibrator, Temperature Black Body Source, Pressure Calibrator, Humidity / Temperature Calibration System, Master RTD, & Thermocouple, Etc.,.

LIQUID ANALYZING INSTRUMENTS

Online Ph / ORP / Conductivity / TDS Meter, Digital Nephelometer, Colony Counter, Online Ph / ORP / Temperature Controller, RO Controller, Etc.,.

PROCESS CONTROL INSTRUMENTS

5½ Digit Process Indicator, Autoclave Controllers, Environmental Monitoring System & Controller, Universal Data Logger, Water Flow Meter, Digital Timer, Counter, Rate/ RPM / Frequency, Indicator & Controller, Jumbo Display, DC Drives, Single / 3 Phase Thyristor Power Regulator, Etc.,.

SENSORS

Temperature Sensors, Humidity Sensors, Pressure Sensors, Level Sensors, PH Sensors, ORP Sensors, Conductivity Sensors, TDS Sensors, Proximity Sensors, Flow Sensors, Etc.,.

OUR CALIBRATION FACILITIES

THERMAL, MECHANICAL & DIMENSION, ELECTRO TECHNICAL, ANALYTICAL INSTRUMENTS, Etc.,.



SANSEL
NABL Scope
QR link

For Detailed Scope Please Refer Below Link

<https://nablwp.qci.org.in/CertificateScopenew?x=IWBXQSSnA7RyH/1nCG8Vzw==>



MECHANICAL LAB – Pressure



THERMAL LAB – Temperature



THERMAL LAB – Specific Humidity

For Detailed Scope, Refer Here : <https://nablwp.qci.org.in/CertificateScopenew?x=IWBXQSSnA7RyH/1nCG8Vzw==>

New Calibration & Re-Calibration

✉ calibration1@sansel.net



+91 78456 06485

✉ sales@sansel.net



+91 98401 49928

For Technical support

✉ certificate@sansel.net ☎ +91 72999 72095



sanselcalibration2023@gmail.com

📍 1 / 46, 3rd Main Road, Ganga Nagar, MMDA Colony, Maduravoyal, Chennai - 600 095, India

🌐 www.sansel.net

🌐 www.sansel.co.in

🌐 www.sansel.in

🌐 www.calibrators.in



SANSEL NABL
Scope QR link