



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CYMAX LABS PRIVATE LIMITED, MIG 628, GROUND FLOOR (G1), KPHB COLONY
ROAD NO.1, KUKATPALLY, HYDERABAD, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-4011

Validity 03/08/2024 to 02/08/2026

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Last Amended on 07/09/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
Permanent Facility					
1	MECHANICAL-ACCELERATION AND SPEED	Contact Type Tachometer	Using Tacho generator and Master Tachometer By Comparison Method	10 rpm to 99.9 rpm	1.33 rpm
2	MECHANICAL-ACCELERATION AND SPEED	Contact Type Tachometer	Using Master Tacho generator Tachometer By Comparison Method	100 rpm to 5000 rpm	6 rpm
3	MECHANICAL-ACCELERATION AND SPEED	Non Contact Type Tachometer	Using Tacho generator Master Tachometer By Comparison Method	10 rpm to 1000 rpm	2.1 rpm
4	MECHANICAL-ACCELERATION AND SPEED	Non Contact Type Tachometer	Using Tacho generator as Source, Master Tachometer By Comparison Method	1000 rpm to 10000 rpm	6.14 rpm
5	MECHANICAL-ACCELERATION AND SPEED	Non Contact Type Tachometer	Using Tacho Generator as source, Master Tachometer By Comparison Method	10000 rpm to 90000 rpm	20 rpm
6	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Pressure - Pressure Indicator, Pressure Gauge	Using Digital Pressure Gauge with Hydraulic Pump by Comparison Method as per DKD R 6-1	0 to 700 bar	0.83 bar



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7	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Pressure - Pressure Indicator, Pressure Gauge	Using Digital Pressure Gauge with Hydraulic Pump by Comparison Method as per DKD R 6-1	0 to 400 bar	0.22 bar
8	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Pressure - Pressure Indicator, Pressure Gauge	Using Digital Pressure Gauge with Pneumatic Pump by Comparison Method as per DKD R 6-1:	0 to 20 bar	0.007 bar
9	MECHANICAL-PRESSURE INDICATING DEVICES	Vacuum Gauge, Vacuum Indicator, Pressure Gauge, Pressure Indicator	Using Digital Pressure Gauge with Pneumatic Pump by Comparison Method as per DKD R 6-1:	(-)0.85 bar to 0 bar	0.005 bar
10	THERMAL-TEMPERATURE	RTD, PRT, Thermocouple Sensor with or without Indicator, Digital Thermometer, Data Logger with sensor	Using 4 wire RTD Sensor with Indicator, Digital Multimeter, Dry Temperature Bath by Comparison Method	(-)30 °C to 50 °C	0.6 °C
11	THERMAL-TEMPERATURE	RTD, PRT, Thermocouple Sensor with or without Indicator, Digital Thermometer, Data Logger with Sensor	Using 4 wire RTD Sensor with Indicator, Digital multimeter, Liquid Temperature Bath by Comparison method.	(-)80 °C to 30 °C	0.6 °C



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12	THERMAL-TEMPERATURE	RTD, PRT, Thermocouple Sensor with or without Indicator, Digital Thermometer, Data Logger with Sensor	Using 4 wire RTD Sensor with Indicator, Digital Multimeter, Dry Temperature Bath by Comparison Method	50 °C to 250 °C	1.42 °C
13	THERMAL-TEMPERATURE	Temperature Indicator with Sensor of Oven, Environment Chamber, Incubator, Bod Incubator (For Non Medical Purpose) (Single Position)	Using 4 wire RTD Sensor With Indicator, by Comparison method.	(-)-80 °C to 250 °C	1.42 °C
14	THERMAL-TEMPERATURE	Thermocouple Sensor with or without Indicator, Digital Thermometer, Data Logger with Sensor	Using R-Type Sensor with Indicator, Digital multimeter, Dry Temperature Bath by Comparison method	250 °C to 600 °C	2.24 °C



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* CMCs represent expanded uncertainties expressed at approximately the 95% level of confidence, using a coverage factor of k = 2.