

LENGTH (DIMENSIONAL METROLOGY) LABORATORY

Introduction

Length (Dimensional Metrology) Laboratory realizes and provides traceability to the SI unit of length (metre). The laboratory operates a quality management system based on ISO/IEC 17025 – General requirements for the competence of calibration and testing laboratories.

The laboratory is equipped with standard equipment and qualified personnel to carry out its services. The calibration services are designed to aid the users of precision instruments to achieve the highest levels of measurement quality and productivity. The laboratory services also include practical training, inter-laboratory comparisons and research & development in measurement techniques for industrial needs.

KEBS Calibration Services Offered

Equipment	Range Covered		
LINEAR DIMENSIONS			
Vernier Height Gauges	0	to	250 mm
END STANDARDS			
Gauge Blocks	0	to	100 mm
LINE STANDARDS			
Measuring Tapes	0	to	30 m
Steel Rules	0	to	1000 mm
Precision Line Scales	0	to	100 mm
ANGLE			
90° Engineers' Square	0	to	200 mm
Protractor	0	to	180 degrees
FLATNESS STANDARDS			
Surface Plate	0	to	2000 mm
HAND INSTRUMENTS			
Vernier/Digital Calipers	0	to	300 mm



External Micrometers	0	to	300 mm
Internal Two Point Micrometers	0	to	25 mm
Depth Micrometers	0	to	25 mm
Vernier Depth Gauges	0	to	300 mm
Dial Indicators (Plunger type)	0	to	30 mm
Dial Indicators (Lever type)	0	to	30 mm
Bore Gauge	0	to	30 mm
Spirit Level	0	to	300 mm
Limit Gauge (Go & No Go Gauge)	0	to	300 mm
Thickness Gauge	0	to	100 mm
Test Sieves	0	to	100 mm
Electronic Digital Indicator Gauges	0	to	100 mm
ROTATIONAL SPEED			
Optical Tachometer	0	to	99 999 rpm
Centrifuge & Stirrer (Rotational Speed)	0	to	99 999 rpm



Achieve the highest levels of measurement quality and productivity with our ISO/IEC 17025 accredited calibration services.

Contact

Head of Laboratory – Length

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