

## CALIBRATION FACILITY AT HASETRI

### Temperature:

Range: - 40 to 650 °C, CMC: 0.02 to 0.06 °C  
650 to 1200 °C, CMC: 1.55 to 1.77 °C

Type of Instruments being Calibrated:

- Glass Thermometer, Digital Thermometer, SSPRT , PRT, Thermocouple, Temperature Transmitter,
- Dry Block Calibrators, Temperature Bath
- Environmental chambers, Oven, Furnace



### Humidity

Range: 15% to 85%, CMC: 0.8%

Type of Instruments being Calibrated:

- All sort of humidity Sensors, Recorders ,  
Dry & Wet thermometer etc.

### Mass & weighing Balances Verification

Range : Weights -1 mg to 5 kg, CMC: 12 µg to 12.2 mg  
Balances – Upto 5 Kg, CMC: 0.05 mg to 20 mg

Type of Instruments being Calibrated:

- Analog / Digital Balance, Micro Balance , Analytical Balance
- Standard Weight Box, Assorted Weights



### Volume:

Range : Volumetric -1 to 1000 ml, CMC: 0.015 to 8.5 µl

Micropipette -10 µl to 100 µl, CMC: 0.03 µl

Type of Instruments being Calibrated:

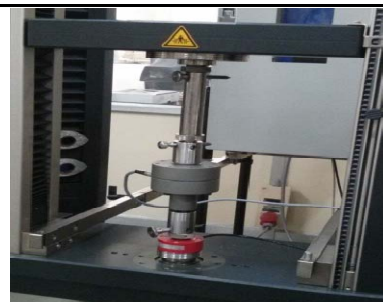
- Micro Pipette, Pipette, Syringes
- Burettes, Flask, Measuring Cylinder, Beaker

### Force (UTM) Calibration

Range : 0 to 100 kN, CMC: 0.2 %

Type of Instruments being Calibrated:

- Uni-axial Testing Machine (UTM) including speed & timer
- Plunger Machine, Tyre Testing Machine



### Hydraulic / Pneumatic Pressure:

Range: 0 to 690 bar, CMC: 0.11% rdg.

Type of instruments being calibrated:

- Pressure Calibrators, Pressure Controller
- Pressure Transducer, Pressure Transmitter
- Digital/Analogue pressure gauges

### Dimension:

Range: 0 to 1000 mm, CMC: 1.6 µm to 19 µm

Type of instruments being calibrated:

- Digital/ Analogue Vernier,
- Micrometer