

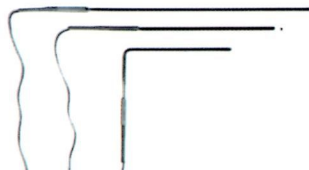
A NABL Accredited Laboratory

Destination of Accuracy



KESAR
TESTING SERVICES

CALIBRATION & VALIDATION EXPERTS



What is Calibration ?

Calibration is an activity of Checking or Correcting, Unit Under Calibration by comparing with Standard and taking the result within acceptable tolerance.

Example :

It is clear that a car has to be regularly maintained and brought in for roadworthiness test at least once a year. It is the law. We are also aware that this ensures our safety and that the car will serve us throughout its lifecycle.

It is, clear to everyone that a measuring instrument, too, needs maintenance, servicing, technical examination, etc., even if it is not broken.

As is the case with the usual wear and tear of the car's brakes, spark plugs and other parts, components of measuring instruments also age. With time and use, especially incorrect use or misuse, the capabilities of instruments deteriorate.

Why Calibration Required?

Correctly performed calibration increases productivity, optimizes resources, and assures consistency, comparability and compatibility of products and services, as well as their acceptability anywhere in the world.

What is Uncertainty of Measurement?

Uncertainty of measurement is the doubt that exists about the result of any measurement.

In another way, In metrology, measurement uncertainty is a non-negative parameter characterizing the dispersion of the values attributed to a measured quantity.

Note : Better Uncertainty of your instruments' make more less doubt in your mind.

Why Calibration from us?

We provide our better & prompt responsive services, better standards & with skilled employee to do Calibration and maintenance of your instruments. We have facilitate for In-House & Onsite Calibration.

Capability for both In-House & Onsite Calibration



Calibration Facilities as per Disciplines

Mechanical

Scope of Work :

- Low Pressure (Pneumatic) **Ranges** : 0 to 30 Pa... 25...250 mmWC
- Medium Pressure (Pneumatic) **Ranges** : 0 to 0.35...2...20 bar
- High Pressure (Hydraulic) **Ranges** : 0 to 70...700 bar

Vacuum : **Ranges** : 0 to -0.85 bar

Acoustic Sound : **Ranges** : 35 dB to 130 dB

Thermal

Scope of Work

- Contact Temperature Sensors (PRT/RTD-Thermistors, T/Cs)
Ranges : -95 to 660°C / 1200°C
- IR Thermometers & Imager **Ranges** : 35 to 500°C
- Glass Thermometer (Dry-wet)
- Temperature & Controller with Sensor
- Temperature & Humidity Mapping / Validation of Equipments
RH Sensor, Thermo-Hygrometer
- Humidity Controller with Sensor
- Data Logger with or w/o Sensor

Electro-Technical

Scope of Work

- Temperature Simulation (Source & Measure)
All Type of RTD, All Type of T/C
All Type of RH Controller
- Time
Timer, Stop Watch **Ranges** : 1 s to 24 Hr

Capability to do Calibration of Instruments :

Pressure : Dial & Digital Pressure Gauges, Differential Pressure Gauges
Magnehelic Gauges, Manometer, Pressure Transducer /
Transmitter, Pressure Switches

Vacuum : Dial & Digital Vacuum Gauges, Differential Pressure Gauges

Acoustic : Sound Measurement, Sound Level Meter, Sound Level Calibrator

Capability to do Calibration of Instruments :

- Glass / Dial / Digital Thermometer
- Contact Temperature Sensors (PRT/RTD-Thermistors, T/Cs)
- IR Thermometers & Imagers
- All type Calibration Bath
- Temperature & /or Humidity Controller of Deep Freezer, Chambers, Rooms, Incubators, Oven, Furnace(1200°C), Autoclaves, Centrifuge
- Thermo-Hygrometer, Data Logger
- Humidity Sensor, Transmitter

Capability to do Calibration of Instruments :

- Temp. Indicator, Controller, Recorder, Test Kit
- Universal Calibrator (Source -200 to 2315°C & Measure -200 to 1800°C)
- Time Interval Meter
- Preset Timer / Totalizer
- Stop Watch, Digital Watch
- UV & LUX Meter

We are independent part of "**Kesar Control Systems**" who had established in the year 2007. and it is engaged in manufacturing of pharmaceutical and scientific latest technological equipments.

Our entire products are globally acclaimed for their excellent feature such as durability, unique design and smooth operation.

Accentuating on quality and streamlining of manufacturing process, we stay ahead of our competitors by providing our clients with one stop solution for their requirements by skilled employee.

We manufacture all our equipments as per GMP / ICH guidelines and also confirms MCA & US FDA requirements.