

# **COMPANY PROFILE**



**AN ISO 17025:2017 ACCREDITED (NABL) CALIBRATION LAB**

[www.ikonindustries.co.in](http://www.ikonindustries.co.in)

**MEETING YOUR EXPECTATION**

# KNOW OUR COMPANY

We are established in 2003 and are based in Mumbai.

Our Laboratory is ISO 17025:2017(NABL) accredited since September 2019 for the calibration services.

We provide calibration/mapping/validation services to various industries such as Defence, Textiles, Paper, Process, Pharma, Engineering, Toy Testing, Footwear Testing, Testing Labs etc.

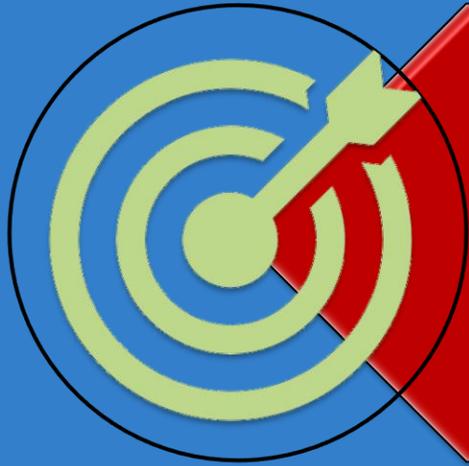
We have a team of skilled and knowledgeable professionals to cater the calibration needs.

We provide consultancy services for ISO certification & lab set up.

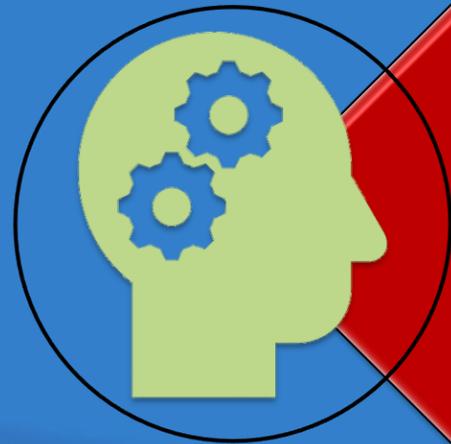
We are manufacturers and suppliers of textile testing, rubber testing, paper testing, dyes testing, chemical lab testing Instruments.

We believe in opting a customer centric attitude and offer the best range of products and services.

We have 700+ valued and satisfied customers.



**Mission:** To provide best of the calibration services on time to our customers to enhance their product quality.



**Vision:** To become one of the most preferred and trusted partner to endeavor all the calibration needs of the customer.

# OUR VALUES



**INTEGRITY:** To be honest and open to others



**RESPECT:**  
Treating others the way you want to be treated



**RESPONSIBILITY:**  
Embrace opportunities to contribute



**TEAM WORK:**  
Work together to achieve common goal



**TRUST:** Essential tool to build long term relationship



# OUR VALUED CUSTOMERS



# CALIBRATION FIELD EXPERTISE

-  Dimension
-  Thermal
-  Pressure/Speed/Acoustic
-  Mass & Volume
-  Electro - Technical
-  Force/Density/viscosity
-  Mapping/Validation - Thermal

# CALIBRATION FIELD EXPERTISE

-  Textile Testing Instrument Calibration
-  Footwear Testing Instruments
-  Rubber Testing Instruments
-  Paper Testing Instruments
-  Toy Testing Instruments
-  Gas Detector Calibration
-  Laminar Flow Validation



# DIMENSION CALIBRATION I

Bevel Protractor / Degree Protractor L.C: 5 min - 0° to 90°

Calipers (Digital/Dial/Vernier) L.C: 0.010 mm - 0 to 1000 mm

Coating Thickness Gauge L.C: 0.0001 mm - 0 to 100  $\mu$ m

Coating Thickness Gauge L.C: 0.001 mm - 0 to 2000  $\mu$ m

Comparator Stand (Only Flatness) - 100 mm to 150 mm

Depth Micrometer L.C: 0.001 mm - 0 to 150 mm

Depth Micrometer L.C: 0.001 mm - 0 to 300 mm

Depth Vernier Gauge L.C: 0.010 mm - 0 to 300 mm

Dial Calibration Ttr/ Micrometer Head L.C.: 0.0002 mm - 0 to 25 mm

Dial Thickness Gauge / Jewel Gauge L.C: 0.001 mm - 0 to 25 mm

Dial Thickness Gauge L.C: 0.01 mm - 0 to 50 mm

Bore Gauge L.C: 0.001 mm (Transmission Error) – 0 to 1 mm

Combination Set L.C: 1 - 0° to 90°

Electronic Probe with DRO L.C: 0.0001 mm and Coarser - 0 to 0.2 mm

Electronic Probe with DRO L.C: 0.001 mm and Coarser - 0 to 2 mm

Micrometer Head L.C: 0.001 mm - 0 to 25 mm

Micrometer Setting Standard - 25 mm to 1000 mm

Hegman Gauge (Only Depth) - 0 to 100  $\mu$ m

Height Gauge (Vernier/Dial/Digital) L.C: 0.01 mm - 0 to 600 mm

Inside Digital/ Dial Caliper L.C: 0.010 mm - 5 mm to 165 mm

Internal Micrometer (Stick Type) L.C: 0.010 mm - 0 to 1000 mm

Lever Type Dial Gauge L.C: 0.001 mm - 0 to 1 mm

Lever Type Dial Gauges L.C: 0.010 mm - 0 to 1.6 mm

Feeler Gauge / Shim - 0.01 mm to 2 mm

# DIMENSION CALIBRATION II

LVDT / Digital Probe L.C: 0.0001 mm – 0 to 25 mm

Digital Dial Indicator L.C: 0.0001 mm – 0 to 25 mm

Measuring Pin Gauge – 0 to 20 mm

Shrinkage Scale (L.C 0.5/1mm) – 0 to 2000 mm

Shrinkage Template (L.C 0.5/1mm) – 0 to 2000 mm

Measuring Tape L.C: 1 mm – 0 to 50000 mm

Pie Tape L.C: 0.1 mm – 0 to 50000 mm

Pistol Caliper L.C: 0.1 mm – 0 to 150 mm

Standard Foils – Up to 2 mm

Taper Slot Gauge (Only Depth) – 0 to 10 mm

Test Sieves – 4 to 125 mm

Surface Plate – 1000 x 1000 mm

Plain Plug Gauge (Go & No Go) – Up to 225 mm

Plain Ring Gauge (Go or No Go) – Up to 225 mm

Thread Ring Gauge (Go or No Go) – Up to 100 mm

Master Ring / Setting Ring – Up to 225 mm

Width Gauge (Go & No Go) – Up to 225 mm

Snap Gauge – Up to 200 mm

Plunger Type Dial Gauge L.C: 0.0001 mm – 0 to 25 mm

Plunger Type Dial Gauges L.C: 0.010 mm – 0 to 50 mm

Ultrasonic Thickness Gauge L.C: 0.010 mm – Up to 300mm

Height Block – Up to 225 mm

OD Master / Setting Disc – Up to 225 mm

# THERMAL CALIBRATION

Glass Thermometer : -50 °C to 250 °C

Temperature Indicator/Controller : -200 to 1800°C

RTD / Thermocouple Sensor with indicator : -50 °C to 1000 °C

Temperature Gauge/Temp. Sensor : -50 °C to 1000 °C

Temperature Transmitter with Sensor : -50 °C to 1000 °C

Indicators with sensor of Refrigerator, Deep Freezer, Freezer, Chamber, Incubator, BOD Incubator : -50 °C to 50 °C

Indicator with sensor of Oven : 50 °C to 400 °C

Indicator with sensor of Muffle Furnace : 50 °C to 1190 °C

Indicator with sensor of Dry Block Calibrators, Furnace, Vacuum Oven : 250 °C to 400 °C

Indicator with sensor of Water Bath, Shaker water bath, Ultrasonic water bath, Sonicator : 20 °C to 100 °C

Indicator with sensors of autoclave, Oil bath : 50 °C to 250 °C

Humidity Temperature Sensor with Indicator/Thermohygrometer/Dry & Wet Thermometer/Sling Thermometer : (10 °C to 50 °C) @ 50%rh & (25 %rh to 95 %rh) @25°C

Temperature/Humidity Data Logger with Sensor & Inbuilt sensor : (10 °C to 50 °C) @ 50%rh & (25 %rh to 95 %rh) @25°C

Indicator with sensor of Humidity Calibrator, Humidity Generator, Environmental Chamber, Humidity Chamber, Stability Chamber : (10 °C to 50 °C) @ 50%rh & (25 %rh to 95 %rh) @25°C

# PRESSURE/SPEED/ACOUSTIC CALIBRATION

Pressure Gauge (Acc. 0.5% and above) : Up to 1000 Bar

Pressure Switch : 0 to 20mbar, 35bar

Pressure Transmitter/Transducer : 0 to 1000bar

Compound Gauge : -0.9 to 35bar

Diff. Pressure Gauge : 0 to 20mbar, 200mbar, 35bar

Manometer : 0 to 20mbar, 200mbar, 35bar

Magnahelic Gauge : 0 to 20mbar, 200mbar

Diff. Pressure Transmitter with Indicator : 0 to 200mbar

Vacuum Gauge/Vacuum Transmitter/Vacuum Switch : -0.9 to 0bar

RPM Indicator : 12 rpm to 20000 rpm

RPM Source/Tachometer (Contact) : 12 rpm to 5000 rpm

RPM Source/Tachometer (Non Contact) : 12 rpm to 90000 rpm

Centrifuge : 12 to 90000rpm

Stroboscope : 5000 to 90000rpm

Sound Level Meter : 94 & 114dB

# MASS & VOLUME CALIBRATION

Analytical Weighing Balance : 1mg to 200gm (d=0.1mg and above)

Weighing Balance : Up to 300 Kg

Standard Weight Box : 1mg to 200gm

Loose weight : 500 gm to 20Kg

Pipette : 10 $\mu$ l to 10ml

Pipette (8 Channel) : 10 $\mu$ l to 10ml

Volumetric Glassware : 0.5ml to 2500ml

Burette/Measuring Cylinder/Volumetric Flask : 0.5ml to 2500ml

Graduated Jar/Can/Syringe : 0.5ml to 2500ml

Dean & Stark Apparatus : 0.5ml to 2500ml

Dispenser/Pycnometer : 0.5ml to 2500ml

# FORCE/DENSITY/VISCOSITY CALIBRATION

Push Pull Gauge (Force Gauge) - Pull and Push Mode : 1N to 500N

Universal Testing Machine (Single or Both Modes) : 0.5 N to 5KN

Universal Testing Machine (Single or Both Modes) : 100N to 50KN

Universal Testing Machine (Single or Both Modes) : 50N to 100KN

Universal Testing Machine (Compression) : 100N to 500KN

Traverse Speed : 0 to 300mm/minute

Density Hydrometer, Twaddle Hydrometer, Baume Hydrometer : 0.6 g/ml to 2 g/ml

Specific Gravity Hydrometer, Brix Hydrometer : 0.6 g/ml to 2 g/ml

Lactometer/Alcoholmeter : 0.6 g/ml to 2 g/ml

Flow Cup/Ford Cup/Zahn Cup : 17.05 cSt to 459.4 cSt

# ELECTRO-TECHNICAL CALIBRATION

3 ½ Digit Multimeter

4 ½ Digit Multimeter

Ammeter/Voltmeter

Megger/ Insulation Tester

Resistance Meter

Welding Machine

Insulation Tester

DC Power Supply

Frequency Meter

H.V. Tester

# THERMAL/TEMPERATURE MAPPING/VALIDATION

Processing Areas Mapping

Stability/Humidity/Environmental Chambers Mapping

Low Temp. Freezers/Refrigerators Mapping

Sterilizing Equipment Mapping

Oven/Furnace Mapping

Incubator/Autoclave Mapping

Warehouses/Storage Room Mapping

Walk in Coolers/Cold Rooms Mapping

# TEXTILE TESTING INSTRUMENT CALIBRATION

Martindale Abrasion Tester

Tensile Strength Tester

Random Tumble Pilling Tester

Pilling Tester

Washing Machine/Washer

Crimp Tester

Tearing Tester

Wrap Reel

Bomb Calorie Meter

Tumble Dryer

Crockmeter

Optispray

GSM Cutter

Pick Glass

Counter Meter

Air Permeability Tester

Elongation Tester

Bursting Strength Tester

Perspirometer

Launderometer

Rotawash/Gyrowash

Padding Mangle

Crease Recovery Tester

Button Pull Tester

Stiffness Tester

Conditioning Cabinet

Twist Tester

Rotary Shaker

Shrinkage Template

Color Cabinet

Thermo Hygrograph

Color Dyeing Machine

Rotary Iron

Inspection Machine

And Many More ...

# LAMINAR FLOW/BIOSAFETY/HVAC VALIDATION

## Validation of HVAC

Air Velocity

HEPA Leakage Test

Particle Count Test (Non Viable)

Recovery Test

Temperature & Humidity Test Sound  
and LUX Test

Air Flow Patter Test (If Required)

## Validation of Laminar Flow/Biosafety Cabinet

Air Velocity

HEPA Leakage Test

Particle Count Test (Non Viable)

Recovery Test

Air Flow Patter Test (If Required)

# **GAS DETECTOR CALIBRATION**

**Fixed Gas Detector – Any Make**

**Portable Gas Detector – Any Make**



# PRODUCTS WE SELL

Lab & Textile  
Testing  
Instruments

Rubber &  
Paper Testing  
Instruments

Textile  
Consumables

Measuring  
Instruments

# WE ALSO OFFER

ISO Consultancy

NABL Consultancy

BIS Consultancy



## CONTACT US



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**LOOKING FORWARD TO WORK WITH YOU**

**THANKS FOR YOUR VALUABLE TIME**

