

|| M & P ||

Measure & Precision Engineers

a unit of Institute of Applied Quality Management



Welcome to *Measure & Precision Engineers*

Measure & Precision Engineers a unit of Institute of Applied Quality Management (IAQM) under the guidance of Mr. Sambhu Chakraborty was established in 2008 as a small facility at Behala Kolkata. Initially, laboratory's calibration services were limited mostly to the medical Diagnostic and Pathology Lab nearby Kolkata and Guwahati Assam. Subsequently, with increasing demand by the medical field and industries for high quality calibration, laboratory facilities were upgraded significantly: high accuracy master equipments & reference standards added, trained & skilled manpower employed and rigidly controlled calibration environment provided. This helped us to achieve higher level of accuracy, consistency & reliability in calibration work with reduced uncertainty in measurement. To sustain & continually improve high standard of calibration, ahead of most of others present in the field today. With a client base of more than 100 odd large, medium & small medical lab, hospitals & industries in diverse segments producing different products from different locations, **Measure & Precision Engineers** today stands as a premier calibration laboratory in West Bengal and Northeast of the Country.

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About Us

With a humble beginning as a small laboratory in 2008 for equipment calibration of local Medical Lab & Industries, M & P today has grown manifold. Calibration fields have been expanded widely to include equipments in Dimensional, Electro technical, Thermal, Mass & Volume, Pressure & Force and allied fields. Quality has been the uncompromising focus of M & P since its inception. We could establish a world class system insuring accuracy, consistency, and reliability and reduced uncertainty in our calibration. Customer concern has always been a focus for the laboratory since its existence. Upfront timely response, faster service delivery and quick resolution of customer issues reflect our concern for the customer services



We realized understanding customer needs & expectations and addressing them effectively is paramount for customer satisfaction. And this has been achieved through real time customer communication, regular customer visit and extensive on-site calibration. M & P customers, thus, is a satisfied lot today. The impressive customer list comprising leading medical lab and industries from Government, Public & Private sector reflects the same. With an experienced team of more than 10 well trained & highly motivated work force, M & P today is all set to take up new challenges & grow with time.

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Accreditation

Accreditation

We have adequate facility for calibration of equipments to meet the requirements of International Standards like ISO/IEC-17025, ISO-9001, ISO-14001 and OHSAS-18001. To maintain high quality of calibration work with minimum measurement uncertainty, high accuracy reference standards & calibration equipment, rigid environmental control and a team of well-trained & highly skilled personnel is used.

Currently, M & P provides calibration facility for the following parameters:

Mechanical:

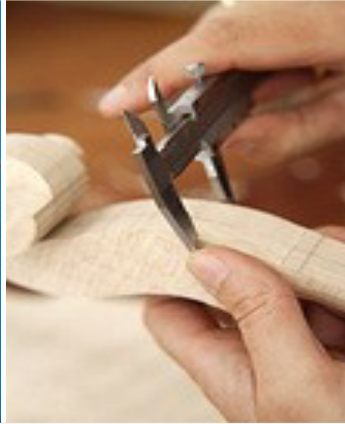
- a) Dimension
- b) Mass
- c) Volume
- d) Density
- e) Pressure & Vacuum
- f) Sound
- g) Speed (RPM)
- h) Torque
- i) Force

Thermal:

- a) Temperature (High & Sub zero)
- b) Relative Humidity

Electro-Technical:

- a) AC-DC Current
- b) AC-DC Voltage
- c) Resistance
- d) Capacitance
- e) Frequency
- f) Time



Calibration Facility

Volumetric Glassware:

- a) Micropipette /Auto pipette/
Micro syringe
- b) Pipette / volumetric syringe
- c) Burette
- d) Measuring Cylinder
- e) Beaker
- f) Volumetric Flask
- g) Conical Flask
- h) Specific Gravity Bottle
- i) Weight per litre cup
- j) Volumetric Container

Force Equipment/Machine:

- a) Tensile Testing Machine
- b) Universal Testing Machine
- c) Rockwell Hardness Tester
- d) Brinell Hardness Tester
- e) Impact Testing Machine

Humidity Equipments:

- a) Humidity Chamber
- b) Humidity Meter
- c) Hygro Thermometer

Dimensional Equipments:

- a) Vernier /Dial/Digimatic Caliper
- b) External /Digimatic Micrometer
- c) Internal Micrometer
- d) Depth Micrometer(Digimatic)
- e) Depth Gauge(Digimatic)
- f) Vernier/Dial/Digimatic Height Gauge
- g) Steel Scale
- h) Measuring Tape
- i) Feeler Gauge
- j) Dial Indicator (Plunger/Lever)
- k) Dial Thickness Gauge/Pistol Caliper
- l) Coating Thickness Gauge (Digimatic)
- m) Various type of Checking Gauge
(Plug Gauge/Snap Gauge etc.)
- n) Bevel Protractor / Combination Set
- o) Thread Plug Gauge
- p) Test Sieves
- q) Radius Gauge
- r) Weld Fillet Gauge

Speed Equipments:

- a) Tachometer
- b) Centrifuge

Pressure Equipments:

- a) Pressure Gauge
- b) Vacuum Gauge
- c) Compound Gauge
- d) Pressure Switch

Temperature Equipments:

- a) Hot Air Oven / Ageing Oven
- b) Furnace (Muffle / Tubular)
- c) Digital Temp. Controller/
Indicator / Recorder
- d) Thermocouple / Thermostat
- e) Thermometer (Digital/Glass)
- f) Clinical Thermometer / Freezer

Time Equipments:

- a) Timer
- b) Stop Watch (Digital/Analog)

Mass & Density Equipments:

- a) Weight Box & Weights
- b) Single Pan / Digital Balance
- c) Hydrometer (Density/Sp. Gr.)



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Our Services

Calibration: At Laboratory & On Site

We carry out equipment calibration in our permanent laboratory having complete facilities in respect of masters, reference standards, calibrating equipments, calibration environment & infrastructural facilities. Based on customer needs, we also provide on-site calibration services at customer premises for the equipments which cannot be conveniently dismantled or moved to our permanent laboratory.

Collection & Delivery of Equipment / Instruments from Customer

We provide equipment collection & delivery services to both outside as well as local customers against collection & delivery charges on no-profit-no-loss basis. Customers, however, to meet certain criteria to avail this service in terms of ensuring minimum lot quantity and convenient facility for collection from & delivery to the customer after calibration.

Third Party Calibration:

If any equipment requires calibrating from outer sources, we ensure the complete responsibility to calibrate it with all the quality procedures as per the required standard of the equipment/instrument.

Instruments Repair Services:

We do repair work of select types of industrial measuring & testing equipments. This includes repair of Micrometers, Dial / Digital / Vernier Calipers, Dial indicators, Gauges and so on. High quality spares as necessary for repairing the instruments are provided by us.



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Our Clients

Diagnostic Labs:

- North City Diagnostic Centre, Kolkata
- Maa Durga Diagnostic Centre, Kolkata
- Upasana Diagnostic Centre, Salt Lake
- Sri Aurovindo Seva Kendra, Kolkata
- Suraksha Diagnostic Centre, Kolkata
- The Apollo Clinic, Behala, Kolkata
- Dishari Health Point, Malda
- N.G. Medicare, Kolkata
- JMD Medicare, Kolkata
- Calcutta Medical Centre, Kolkata
- Dr. J. Sharon Pathology, Ranchi
- Medicity Diagnostic Centre, Kolkata
- All Care Diagnostic Centre, Guwahati
- Ultracare, Guwahati
- Apex Diagnostic Centre, Guwahati
- GNRC Six Miles Diagnostic Centre, Guwahati
- GNRC Diagnostic Centre, Dishpur, Guwahati
- Lifecare Diagnostic Centre, Guwahati
- Ultracare Diagnostic Centre, Guwahati

Hospitals/ Imaging Centre:

- ILS Hospital, Salt Lake, Kolkata
- Charnock Hospital, Kolkata
- International Hospital, Guwahati,
- Central India Institute of Hematology and Oncology, Nagpur
- Primus Imaging Centre, Guwahati
- Medicare Imaging Centre, Assansol

Industries:

- CESC Coal Testing Lab, Kolkata
- HEL Coal Testing Lab, Haldia
- BCCL Coal Testing Lab, Dhanbad (Bastacolla & Katras)
- C.E. Testing, Kolkata
- Pioneer Surveyors, Kolkata
- Himadri Chemicals, Singur, Hoogly
- NMDC, Donimalai,
- NMDC, Kirandule,
- NMDC, Bachel
- NMDC (R & D), Hyderabad

Industries:

- Sky Lab, Maharashtra
- Cleenviron Pvt, Ltd, Rourkela
- Ecocare, Assansol
- Geological Survey of India
- Greentech Environmental Engineers (Guwahati)
- EREC (Guwahati)
- Jindal Steel and Power Ltd (Raigarh)
- Emami Paper Mills Ltd. (Unit: Gulmohar), Dakshineswar,
- Oasis Irrigation Equipments Co. Ltd.
- Siddha Eden Lake Villa, Bonhoogly, Kolkata
- N.D. Techno Engineering Pvt. Ltd, Howrah.

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Contact Us

Where we are?

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Our Parent Concern:


Institute of Applied Quality Management
we develop priceless quality system