

RECKONIX

TEST.MEASURE.CALIBRATE.

RECKONIX

MASTERING METROLOGY The Definitive Source for
Laboratory Calibration Standards

**Your Partner for Precision in India.
Delivering World-Class Accuracy Across All
Disciplines.**



Empowering precision with unmatched quality, Reckonix supplies superior Master Calibration Systems, covering Electrical, Mechanical, Temperature, and Process disciplines, and advanced Vision Measuring Systems (VMS). Backed by our status as the Official Authorized Partner of Meatest in India, Reckonix is your trusted source for precision instruments, guaranteed traceability, and best-in-class local service.

MULTI - PRODUCT CALIBRATORS

9010/9010+ MULTIFUNCTION CALIBRATOR

- AC/DC voltage/current up to 1050V/30A
- Basic uncertainty 10 ppm
- AC/DC power, energy, resistance, capacitance, frequency, TC, RTD
- Scope option up to 1100 MHz
- High voltage resistance option for 1.5 kV insulation testers
- Built-in process multimeter
- Interface RS232, LAN, USB, GPIB



9000 PORTABLE MULTIFUNCTION CALIBRATOR

Compact, light, ideal for onsite calibrations
 1050 V, 20.5 A, resistance, capacitance, TC, RTD and frequency
 Basic dCV accuracy 60 ppm
 All-round calibrator for 3.5 and 4.5 digit multimeters and other handheld instrumentation

PROGRAMMABLE DECADE BOXES

M632 REAL-RESISTANCE DECADE BOX

- Resistance : 1 Ω - 1.2 M Ω , resolution from 10 $\mu\Omega$ max
 dissipation power 0.25 W \pm 20 ppm / year
- Temperature : RTD \pm 0.01 $^{\circ}$ C / year

M642 REAL-RESISTANCE DECADE BOX

- Resistance : 100 m Ω - 20 M Ω (22 M Ω), resolution from 1 $\mu\Omega$
 max dissipation power 5 W \pm 200 ppm / year

M194 HIGH RESISTANCE DECADE

- DC resistance : 10 k Ω - 100 G Ω , 6.3 kV max. \pm 0.1% / year
- DC voltage : 50 V - 6.3 kV \pm 0.5% / year
- DC current : 0 - 10 mA \pm 0.2% / year

M525 PROGRAMMABLE CAPACITANCE DECADE

- Capacitance: 100 pF - 100 μ F \pm 0.25% / year



CALIBRATION SOFTWARE

Meatest calibration software saves your time, reduces human errors and helps you manage your laboratory efficiently. Let your PC do all the hard work for you!

CamOCR camera module can read displays of simple meters and send data directly to Caliber software, avoiding all manual data processing. This solution is unique to Meatest

- Automatic calibration of instruments
- In line with ISO17025 and other metrology standards
- Automated optical readout module for multimeters
- Users are free to add any custom standard or DUT



DECADE BOXES

DECADE RESISTANCE BOX

- Range : 10 $\mu\Omega$ to 1 T Ω
- Accuracy : 0.1% to 5% (Based on the Range)

DECADE CAPACITANCE BOX

- Range : 10 pF to 100 μ F
- Accuracy : 1% to 5% (Based on the Range)

DECADE INDUCTANCE BOX

- Range : 10 μ H to 10H
- Accuracy : 1% to 5% (Based on the Range)



• MECHANICAL

MANUAL/SEMI/FULLY AUTOMATIC

- Measuring Range: 200/300/400/500
- Accuracy: 2.5 + L/200 μ m
- Repeatability: 2.5 μ m
- Optical System
- CCD: 1.3M pixel HD GIGA digital camera
- Zoom Lens: Manual zoom lens 0.7- 4.5X
- Magnification: 18-195X
- FOV: 8.1-1.3 mm
- Work Distance: 90 mm
- Control and Illumination
- Drive System: X/Y/Z axis
- Illumination System: Programmable LED 8 section ring surface light, parallel light at the bottom of the LED



TAPE AND SCALE CALIBRATION UNIT

- Tape and Scale calibration system provide the ultimate flexibility to perform measurement rule, measuring scale and measuring tapes from 1mm to 1000mm.
- Display Type: Digital screen with reference cross line
- Measuring Range: 0 to 1000 mm
- Resolution: 0.001 mm with linear glass scale for fine adjustment
- Accuracy: Below 30 Micron
- Weight: 30 kg
- Power Supply: 230 VAC / 115 VAC 50 Hz
- Camera Megapixel: 2MP high speed camera with 10x – 25x zoom
- Dimensions: 1500 x 250 x 500 mm



DIAL CALIBRATION TESTER

- DCT is a calibration tester having a high precision micrometer with the minimum scale of 1 μ m. It can be used to calibrate dial gauges as well as other displacement gauges.
- Measuring Range: 25 mm
- Resolution: 0.0001 mm (digital) or 0.001 mm (analog)
- Accuracy (at 20°C): 3 μ m
- Operating Temperature: 20°C \pm 2°C



PRESSURE COMPARATOR STAND

- Ranges: 0 to 700 / 1000 / 1400 bar
- Pressure generation: Screw RAM Pump
- Gauge / Indicator Connection Port: ½" (F) BSP
- Pressure generation: Priming Pump for initial pressures & Screw RAM Pump for high pressures
- Medium: Oil (Optional : Water)
- Dimensions: 370 x 410 x 230 mm (L x D x H)
- Weight: 14 Kg.



PRESSURE PEUMATIC PUMP

- Range:
Generation of Pressure: 40 Bar
Generation of Vacuum: 0.95 Bar
- Medium: Dry Air
- End Connection: ¼" BSP (F) Test & Master
- Weight: 1 Kg
- Dimension: 240 mm (H) x 170 mm (W) x 60 mm (D)
- Standard Delivery:
1-meter Pressure hose with ¼" BSP (F) adapter for connecting the test instruments



E1,E2 & F1,F2 CLASS WEIGHT BOX LOOSE WEIGHTS

- We are one of the major names in the industry engaged in offering E1 Class Weights to the clients. The offered E2 class weights are commonly used in the calibration of weights related to lower accuracy class and for use with weighing instruments related to class I.
- No. of Weights : 23
- Content : 1mg to 200g (SS)
- Content : 1mg to 200g (SS)



• THERMAL

MOBILE DATA LOGGER

- Channels :8 / 12 / 16 / 24/ 32 / 48
- Inputs : Universal / RTD pt100 / Thermocouple / 4-20mA / 0-10V / Customize
- Display : 4.3" / 5.6" / 7" / 8" Color Touch Screen
- Ethernet Communications : Webserver / FTP / email / Modbus TCP
- Password Protection: Access to conguration is allowed only after t the user has entered a password
- Thermocouple Types : B, E, J, K, L, N, R, S, T
- Resistance Thermometer : Pt100
- Digital Filter Programmable : 0 to 60s
- Communications USB / Ethernet / RS485 Modbus / Wi-Fi / GSM



725A/725B PROCESS CALIBRATOR

- 725A/725B process calibrator is a multifunctional, high precision portable instrument
- The accuracy 0.02% or 0.05%. DC Voltage: 0~60V
- DC Current : 0~24mA
- Frequency 1.000Hz ~ 100.00kHz Resistance 0 ~ 3200Ω
- Calibrates a transmitter using the split- screen.
- The measure of thermocouple provides automatic reference junction.
- Automatic and manual cold end temperature compensation for TC.
- Manual stepping and automatic stepping and ramping.
- APSL intelligent pressure module with high precision can be selected according to customer needs to realize pressure measurement function.



625 PROCESS CALIBRATOR

- RECKONIX-625 high-precision multi-function process calibrator is a high-precision, hand-held process signal measurement/output instrument, which can simultaneously measure and output voltage, current, resistance, thermocouple, thermal resistance, frequency, pulse, switch value, etc. Industrial process signal; built-in HART function, can completely replace the HART Communicator.
- Accuracy is 0.01%
- Simulate thermal resistance and thermocouple in the form of temperature
- Can simulate two-wire transmitter
- Resistance measurement can be selected in two, three and four-wire ways.
- Temperature: 20°C ± 2°C
- Relative Humidity ≤ 80% RH
- Dimensions : 1880mm × 758mm × 1460mm Power Supply: AC 220 V±10%, 50HZ±2HZ
- Power Consumption: <500W



OUR ACHIEVEMENTS

Numbers that speak for our excellence



500+
Customers



6+
Countries



100+
Products



20+
Team Members

RECKONIX

TEST.MEASURE.CALIBRATE.



Corporate Office

Gera's Imperium Gateway, office A-205,
opp. Bhosari Metro Station, Nashik Phata,
Pune, Maharashtra 411034

Manufacturing Unit

PLOT NO, BG/PAP3, MIDC, MIDC Rd,
Bhosari, Pune, Maharashtra 411026



+919175240313 | +91 8767431725



sales@reckonix.co.in, sales@reckonix.in



www.reckonix.in