



i square systems

creating solutions

Test & Measurement Solution Provider

Electrical & Electronics

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Tamil Nadu 641002

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i square systems

Warm Greetings!!

We, **i square systems**, a leading Electrical & Electronic Solutions Provider, is a Professionally Managed Organization with more than 20 years of Practical Field Experience in the areas of Electrical & Electronics Test and Measuring Instruments. Incorporated in the year 2005, **i square systems** has been offering cutting edge Technology products, clubbed with top most quality and reliability to meet customer's present and future requirements. Today, we are the most preferred vendors for all Electrical & Electronic Industries, Integrators, R & D Labs, Engineering & Science Universities.

We are authorized channel partners of



HQ at **Taiwan**, for their complete range of Test & Measuring Instruments. **We have been associated with GW INSTEK since 2006**. Their scope of instruments includes Oscilloscopes, Signal Sources, Spectrum Analyzers, Power Supplies, Electronic Loads, Digital Multimeters, LCR Meters, Safety Testers, Resistance meters, AC Power meters, DAQs, Voltage & Current Probes. <http://www.gwinstek.com/>
GW INSTEK India Location: Bangalore



HQ at **Japan**, for their complete range of Electrical Safety and Quality Test Instruments. **We have been associated with HIOKI since 2019**. Their scope of instruments includes Data Recorders, Power Analyzer, Power Quality Analyzer, 3 Phase Power meters, Resistance meters, LCR / Impedance Analyzers, Insulation/Continuity/Earth/Leakage Testers. <https://www.hioki.com/en/>
HIOKI India Location: Gurgaon



Be sure.

for their entire range of Electronic Portable Measuring Instruments and Environment Monitoring Instruments from **TESTO SE & CO. KGaA, Germany**, for Temperature, Humidity, Air Velocity, Pressure, RPM, Sound, Light, Current, Voltage, Thermal Imaging, Flue Gas and Emission. **We have been associated with TESTO since 2018.**

<https://www.testo.com/en-IN/>

TESTO India Location: Pune



An exclusive group of **Messung (India)** have their complete range of own ESD Safe – Intelligent Work Place Solutions manufactured in **Pune, India**. **We have been associated with MESSUNG since 2015.**

<https://www.messung.com/>

Electronic T&M Solutions

GW INSTEK
Simply Reliable

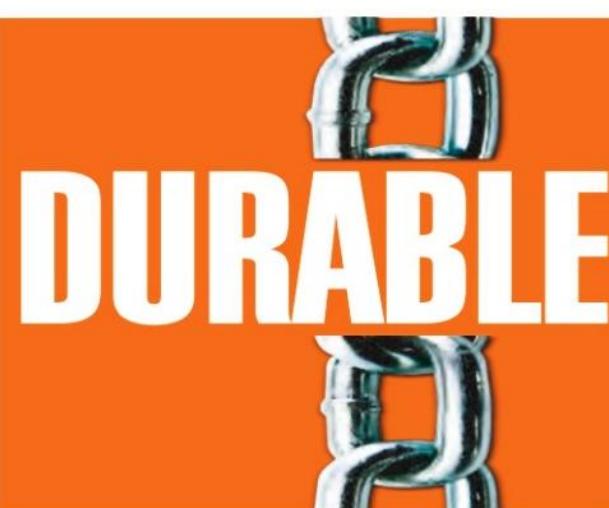


About GW INSTEK



We take pride in creating more than 50 years of satisfied customer experiences throughout the world. Today, GW Insteek is considered the most Reliable Brand for professional measurement instruments with supreme quality and the **lowest TCO - Total Cost per Ownership**.

We invite you to be part of GW Insteek success story and help perpetuate this value.



**Uncompromised
Durability**

With an overriding commitment to provide highly durable products, GW Insteek is your most **Reliable choice** when it comes to selecting the best measurement instruments with the **lowest TCO - Total Cost per Ownership**. Highly durable products mean long product lifetime capable of reducing operation & maintenance costs. This is definitely what you need to consider before investing.

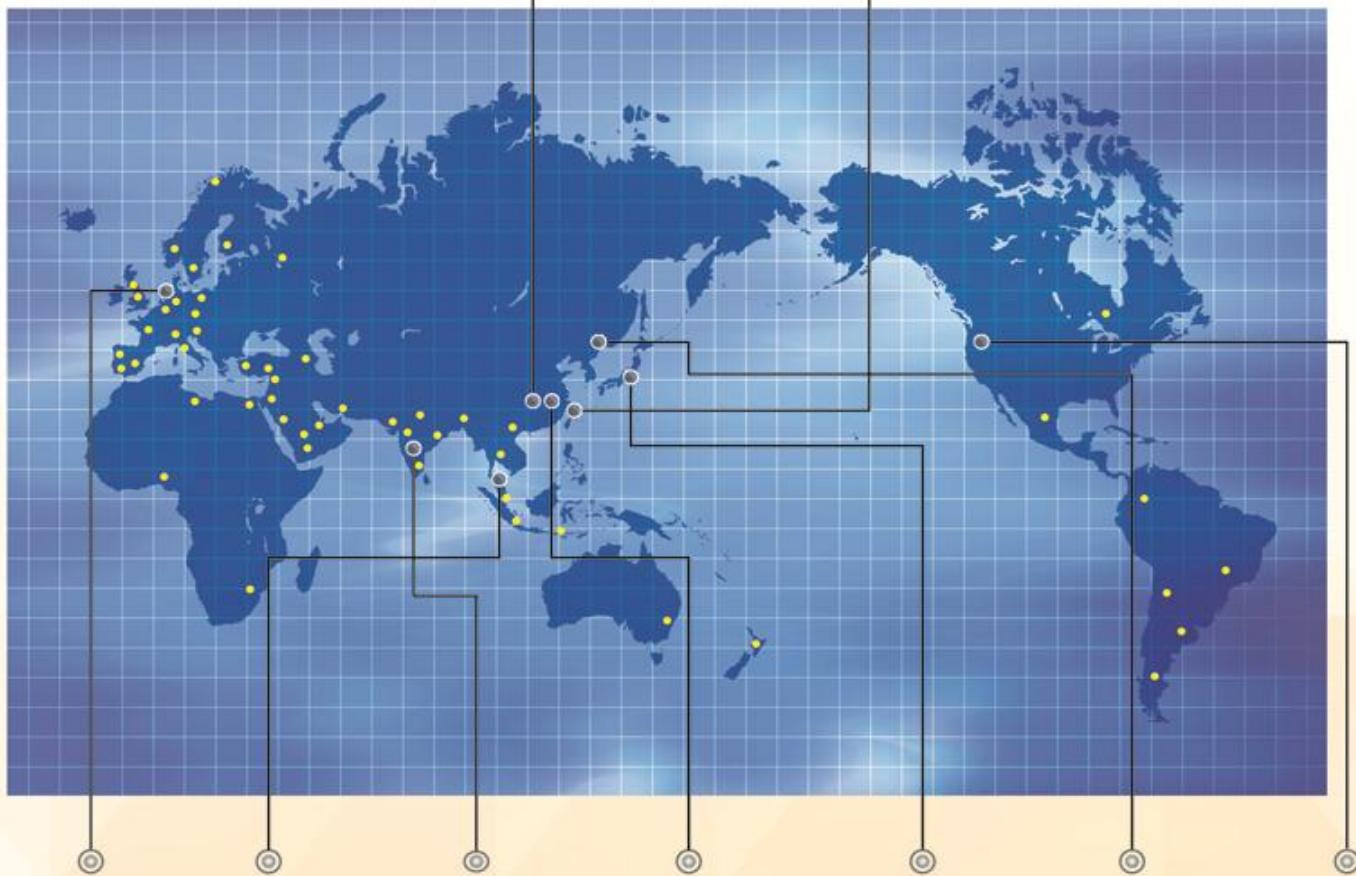
TRUST & PROMISE

Your Most Trustworthy Partner



Suzhou Plant

Headquarters & Plant



Europe Subsidiary

Malaysia Subsidiary

India Subsidiary

China Subsidiary

Japan Subsidiary

Korea Subsidiary

U.S.A. Subsidiary



GW INSTEK Product Portfolio



OSCILLOSCOPES

- Digital Storage Oscilloscope
- Multi-function Programmable Oscilloscope
- Mixed-signal Oscilloscope
- Mixed-domain Oscilloscope
- Oscilloscope Education And Training Kit



SPECTRUM ANALYZERS

- 8.0 GHz Spectrum Analyzer
- 3.8 GHz Spectrum Analyzer
- 3.25 GHz Spectrum Analyzer
- 3.0 GHz Spectrum Analyzer
- 1.8 GHz Spectrum Analyzer
- RF Training System



SIGNAL SOURCES

- 6 GHz Vector Signal/Signal Generator
- Arbitrary Function Generator
- Multi-Channel Function Generator
- True Dual Channel Arbitrary Function Generator
- DDS Function Generator
- USB RF Signal Generator



DC POWER SUPPLIES

- Multi-Range High Power DC Source
- Programmable & Single Channel DC Power Supply
- Non-Programmable & Single Channel DC Power Supply
- Programmable & Multiple Channel DC Power Supply
- Non-Programmable & Multiple Channel DC Power Supply
- Source Measure Unit

AC/DC POWER SOURCES

- High-performance AC/DC Power Supply
- Programmable AC/DC Power Source
- Programmable AC Power Source
- AC Power Source

ELECTRONIC LOADS

- Multi-channel Electronic Loads
- High Power DC Electronic Load
- DC Electronic Load
- AC & DC Electronic Load



DIGITAL MULTIMETERS

- Data Acquisition System
- Digital Multimeter

LCR METERS

- Benchtop LCR Meter
- Handheld LCR Meter

SAFETY TESTERS

- AC/DC/IR/GB Electrical Safety Analyzer
- AC/DC Withstanding Voltage/Insulation Resistance/Ground Bond Tester
- AC Ground Bond Tester
- Multiplex Scanner Box
- Leakage Current Tester

OTHER METERS

- DC Milli-Ohm Meter
- Battery Meter
- Digital Power Meter
- Automatic Distortion Meter
- AC Millvolt Meter
- Precision Current Shunt Meter

Electrical T&M Solutions

HIOKI



About HIOKI

Our History

Evolving Together with Measurement: Hioki's Journey

Since its founding in 1935, Hioki has built a history of harnessing creativity and embracing challenges. Focusing exclusively on electrical measurement, we have continuously pursued proprietary technologies and developed new products to create value that exceeds our customers' expectations. We will carry this fundamental philosophy forward as we approach our 100th anniversary and beyond.

1945

Hioki relocated to the town of Sakaki in Nagano Prefecture following the destruction of World War II



1952

HIOKI E.E. CORPORATION was incorporated



1978

Clamp On Power Meter 3133: The first instrument of its kind in Japan, and one that contributed to energy conservation during the oil crisis



During the oil crisis of the 1970s, Hioki developed Japan's first clamp-on power meter to promote energy conservation. This innovation made power measurement safe and easy for all, leading to reduced electricity costs in factories and gaining overwhelming support from the industrial sector.

1985

Hioki celebrated the 50th anniversary of its founding



The company commissions the commemorative statue "Pursuit of dreams" (1984).

1993

Hioki Lodge building for guests and employees accommodation was completed



1935

1996

Battery HiTester 3550: A battery tester for buildings and facilities



With the increasing demand for uninterruptible power supply (UPS) systems in buildings and facilities, the importance of battery maintenance rose sharply. In response to customers' need, Hioki developed a tester that could instantly assess battery deterioration without shutting down the UPS.

1950

2007

HIOKI (Shanghai) SALES & TRADING CO., LTD., was established in China



2015

Construction of the Hioki Innovation Center was completed



1970

2019

RM2610 Electrode Resistance Measurement System: Helping realize a decarbonized society



Hioki succeeded in quantifying resistance characteristics of electrode sheets used inside Lithium-ion batteries in a way that had previously been difficult. This advancement made it easier to analyze sheet characteristics and quality trends, improving the quality and development efficiency of lithium-ion batteries and contributing to the realization of a decarbonized society.

1990

2024

Production capacity expanded with the opening of the Ueda Factory II



1998

HIOKI USA CORPORATION was established in the U.S.



2006

Construction of a new factory (Solution Factory) next to the headquarters was completed



2014

World's first! Clamp On Power Logger PW3365: A sensor for safe, non-contact power measurement of metal conductors



In response to the growing demand for safer measurement, Hioki developed the Clamp On Power Logger PW3365, which uses a sensor that lets users accurately measure voltage by simply clamping it around wiring. This innovation has significantly improved measurement safety by eliminating concerns about short circuits and electric shock hazards.

2020

Hioki announced Vision 2030, a series of long-term management policies



2025

Hioki celebrated the 90th anniversary of its founding



2000

2010

2020

2025

HIOKI

Flexibly meeting needs of countries,
collaborating as the Hioki group
to resolve challenges, and striving
to realize a sustainable society

President and CEO
HIOKI E.E. CORPORATION

Takahiro Okazawa



HIOKI Product Portfolio



Data Acquisition, Memory Recorders,
Data Loggers, Multichannel Loggers



MEMORY HiCORDER
MR6000



MEMORY HiCORDER
MR8880



MEMORY HiLOGGER
LR8450



DATALOGGER
LR8101/LR8102



Power Meters, Power Analyzers, Power
Quality Analyzers, Power Loggers



POWER ANALYZER
PW4001 (4CH)



POWER ANALYZER
PW8001 (8CH)



POWER METER
PW3337



POWER QUALITY
ANALYZER PQ3198



Impedance Analyzers, LCR/Resistance
Meters, Battery Testers, Super Megohm
Meters, DMM, Signal Generators



IMPEDANCE/LCR
METER IM3570



BATTERY TESTER
BT3562A



SUPER MEGOHMMETER
SM7120



DMM STATION
MR8990

Motor Insulation Testers, Leakage Current Testers, Insulation Withstanding Testers



RESISTANCE METER
RM3544



INSULATION TESTER
IR4057-50/IR5050/IR5051



PARTIAL DISCHARGE DETECTOR
ST4200

Digital Multimeters (DMMs), Analog Testers, LAN Cable Testers



DT4256
MULTIMETER



CM4371-50
CLAMP METER



FT6041
EARTH TESTER KIT



PD3259-50
PHASE DETECTOR

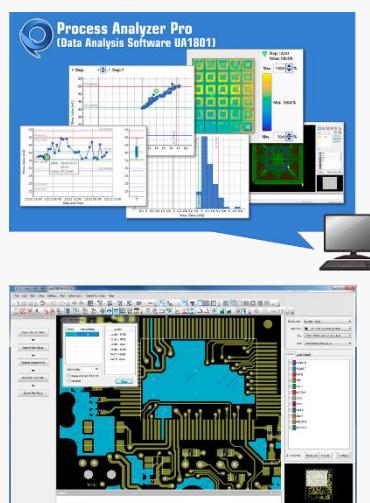


Z3210
BLUETOOTH

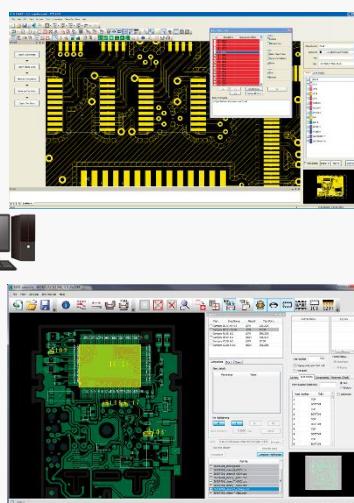
ATE (Automatic Test Equipment) Bare Board & Package Testing, Populated Board Testing



FA1283 BARE BOARD
PACKAGING TESTER



DATA ANALYSIS SOFTWARE



FA1220 IN-
CIRCUIT TESTER

Current Probes, Current Sensors

Current Probes to Observe Waveforms Using Wide-Band Power Analyzers

AC/DC CURRENT SENSOR
CT6904A



AC/DC CURRENT SENSOR
CT6875A, CT6876A
CT6877A



AC/DC CURRENT SENSOR
CT6872, CT6873



AC/DC CURRENT SENSOR
CT6862, CT6863



Current Probes to Observe Waveforms Using Wide-Band Power Analyzers

AC/DC CURRENT PROBE
CT6844A, CT6845A,
CT6846A



AC/DC CURRENT PROBE
CT6833, CT6834



AC/DC CURRENT PROBE
CT6841A, CT6843A
CT6830, CT6831



CLAMP ON SENSOR
9272-05



AC Current Clamps Terminal BNC

CLAMP ON SENSOR
9695

CLAMP ON-SENSOR
9661, 9669

AC FLEXIBLE CURRENT
SENSOR CT6967

CLAMP ON SENSOR
9660, 9694

AC LEAKAGE CURRENT
SENSOR CT1716

Leak Current Terminal HIOKI PL14

CLAMP ON LEAK SENSOR
9657-10, 9675

Leak Current Terminal BNC

CLAMP ON PROBE
9152-50, 9110-50, 9118-50

Load Current Terminal BNC

9675

Environmental T&M Solutions



- Data Loggers (°C, %RH, lux, CO2)

- Leak detectors

- Emission Analyzer

- Refrigerant Manifold

- Anemometer

- Lux meter

- Hygrometer

- dP meter

- Thermal Imager

- Food (Thermometer, Cooking Oil Tester)

About TESTO

TESTO SE & Co. KGaA is a world leader in design, development and manufacturing of electronic portable test and measuring instruments. Backed by more than 64 years of measurement engineering experience, our mission is to provide the best quality, service and value in the industry. In addition, Testo is recognized as the leading worldwide manufacturer of portable combustion efficiency analyzers. Testo has also become a major supplier for HVAC industries, refrigeration, airflow, and environmental monitoring instruments for markets as diverse as cement and power, automobile, food and beverages, pharmaceutical and biotech. The company was founded in 1957 in Lenzkirch in the Black Forest Region of Germany. The company has been privately owned since inception. Today, Testo consists of 3000 employees, 34 subsidiaries and 80 representatives around the world.

Testo India Pvt. Ltd., a 100% subsidiary of Testo SE & Co. KGaA, was founded in Pune on 14th June 2006. Our representatives are spread across India in Ahmedabad, Baroda, Bengaluru, Chennai, Guwahati, Hyderabad, Indore, Kolkata, Mumbai and New Delhi with service and calibration facility located at our head office in Pune.

At Testo, we exactly understand the customer requirements. Our central task is to pay constant attention to new technology and therefore our highest priority is innovation. We, as a market leader, take everything concerned with the product seriously: service, support and availability. We commit our best support - pre sale, post sale and in all phases of application.

Testo, known for its determined will to make tomorrow better than today with quality products & services worldwide is the very reason for growing number of patrons everyday. This is what helps us as a manufacturer to hold the most successful position in competitive market. Our association as business partner has brought revolution in most parts of the world. With a professional team, we do not believe in only selling the instruments but also supporting you with the best possible solution for measurement of different parameters correctly.



Testo SE & Co. KGaA



Testo India Pvt. Ltd., Pune

Products

Today, our product range has expanded to include range of measuring instruments for: Temperature, Humidity, Air Velocity, Flue Gas Analysis, Thermal Imaging, Sound, Light & RPM Measurement, Electrical Measurement, Transmitters for: Humidity, Temperature, Differential Pressure, Dewpoint of Compressed Air, Compressed Air Flow Meter, Portable Data Loggers and Wireless Automated Data Monitoring solutions. Testo offers quality standards and up to two years of warranty on all instruments.

Service & Calibration

Located at our Head Office in Pune, Testo India has a high quality service & NABL accredited calibration lab. Instruments are calibrated maintaining international standards. All calibrations are traceable to highly accurate international standards of the PTB Germany.

We undertake calibration jobs for temperature, contact as well as non-contact, humidity, pressure, air velocity, rpm, sound, flue gas and dew point instruments of any brand/make.

Calibration – More Accuracy and Safety

Calibration involves the comparison of the reading by the instrument being calibrated with that of a reference instrument (also called reference standard) in specific conditions. Other important aspects of calibration include documenting the deviation recorded between the measuring instrument being investigated and the reference standard, calculating the resulting measurement uncertainty, and creating the calibration certificate recording this uncertainty.

Contribution towards Quality Assurance

The calibration of measuring instruments therefore makes a considerable contribution towards quality assurance and the prevention of rejection, reworking, or claims for compensation.

Calibration & Service Lab

Located at our head office in Pune, Testo India has high quality service & calibration lab. Instruments are calibrated with world class reference instruments following procedures as per ISO 17025 and serviced locally maintaining international standards. All calibrations are traceable to highly accurate National/International Standard.



The first and only Lab in India to get NABL Accreditation for Dew Point Temperature.

- ISO 9001:2015 Certified
- NABL Accredited Lab (In accordance with ISO/IEC 17025:2017)
- Highly qualified, individually trained personnel
- We also undertake Calibration for any brand/ make



Thermal Parameters:

Dew Point | Temperature | Humidity
Contact Type Temperature | Non-Contact Type Temperature
Infrared Thermometer | Thermal Imager

Mechanical Parameters:

Pressure | Differential Pressure
Absolute Pressure | Vacuum

Non NABL Parameters:

Velocity | Sound | RPM | Flue Gas Analyser
We undertake Calibration for any brand/ make.
We undertake IQOQ validation for testo data loggers
And online data monitoring systems.

ESD Workplace Technology



THE KEY TO SAFETY & PRODUCTIVITY IN INDUSTRY:
Messung Workplace Systems



About MESSUNG

A LEGACY OF INNOVATION

Messung was born out of one man's pioneering passion. In 1981, the founder of Messung, Mr. Farook Merchant quit his steady job with an electronics company in Pune, to start developing a prototype of a **programmable logic controller** in a rented garage. In just a couple of years, **India's first indigenous PLC** was launched. It was a 1-bit processor-based PLC that revolutionized industrial automation, replacing the traditional relay contactor logic.

INNOVATION BEYOND AUTOMATION

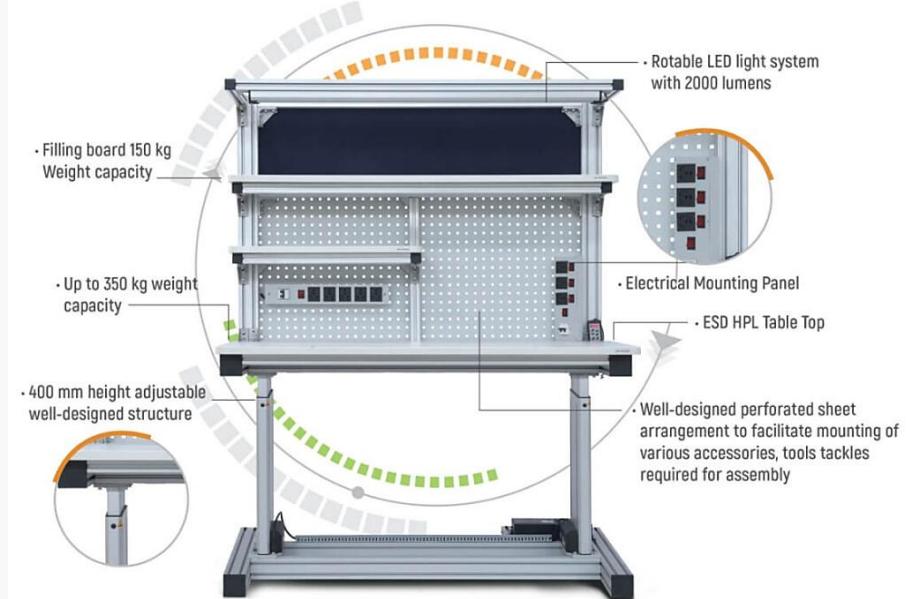
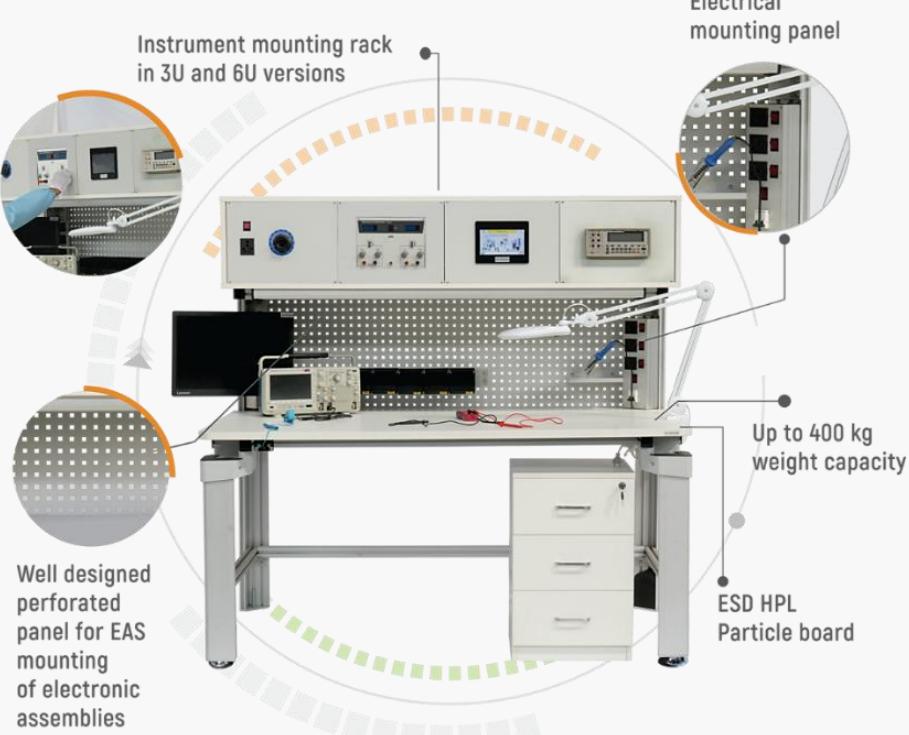
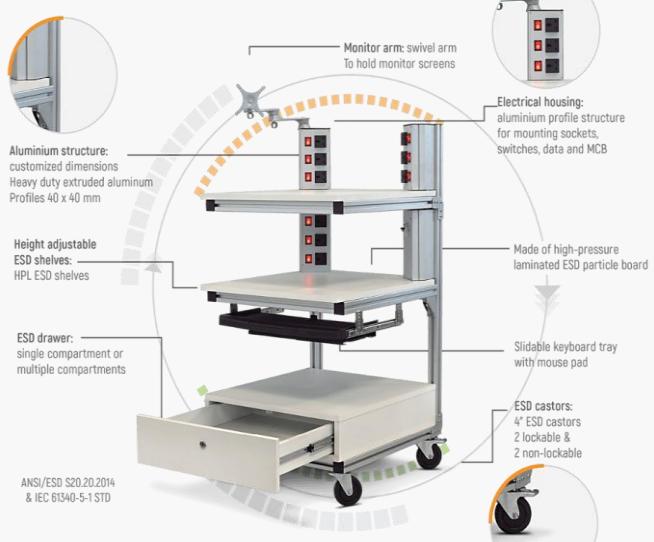
In recent years, Messung's **innovative R&D** has extended beyond Automation. In 2019, under its Workplace Technology business, Messung has introduced the AFM-PLUS Series of world-class solutions for ESD, General and Cleanroom workplaces. The modular, customisable range of **workstations, industrial work tables, stainless steel tables, lab tables** and **lab chairs**, stools, **storage trolleys**, etc. are already transforming productivity and user wellness across industry.



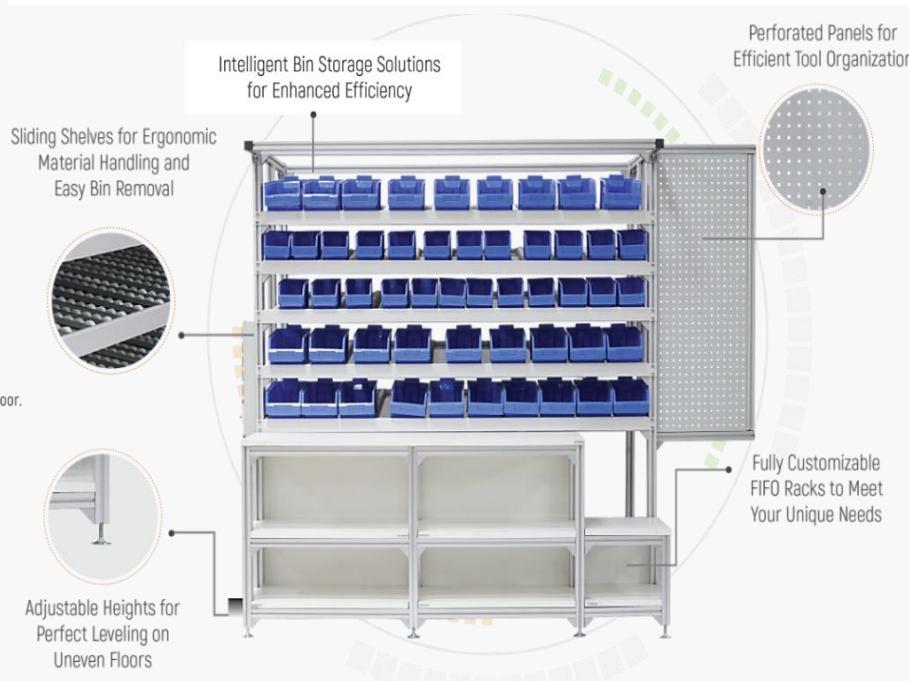
**MESSUNG:
GROWING WITH
INNOVATION
FOR FORTY YEARS**

MESSUNG Workplace Technology Product Portfolio

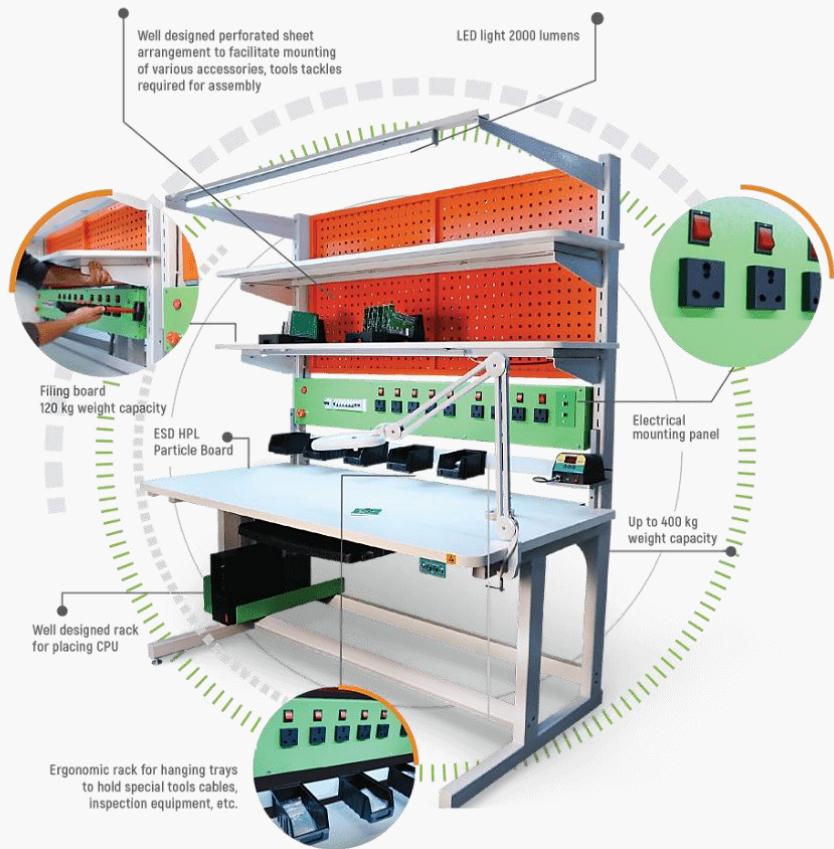
AFM-PLUS SERIES



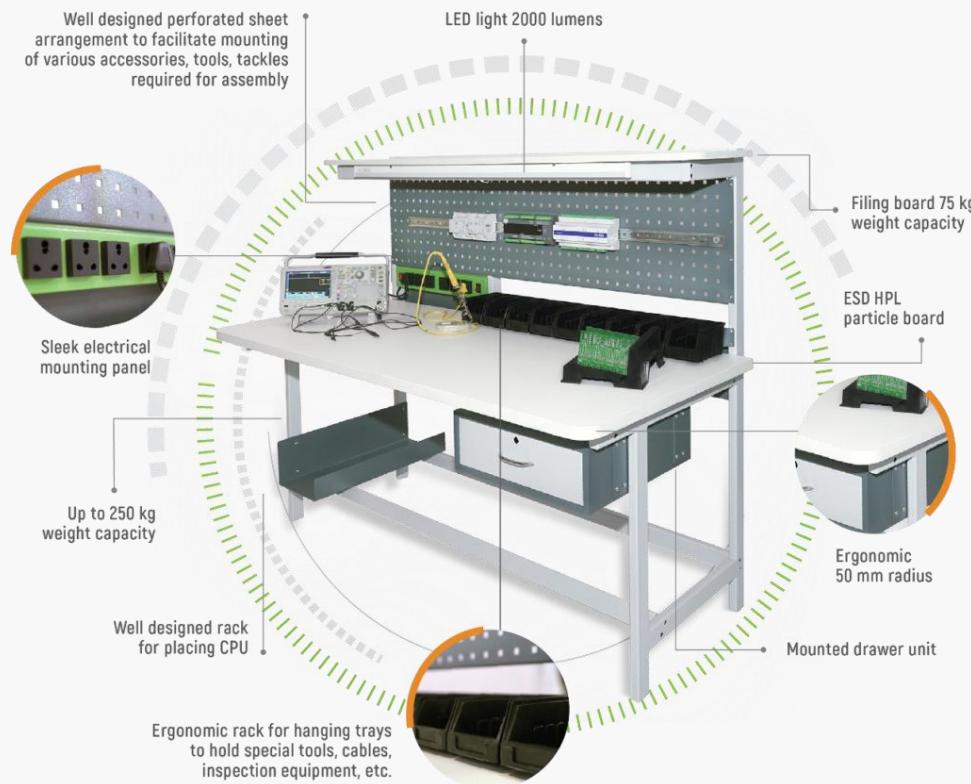
AFM-APP SERIES



AFM-STD SERIES



AFM-ECO SERIES



CUSTOM DESIGN INDUSTRIAL TABLES FROM MESSUNG SYSTEMS





creating solutions

i square systems

❖ We also deal with,

Tonghui

MECO

BEETECH®

METRAVI®
Setting Trends. Showing the Way.

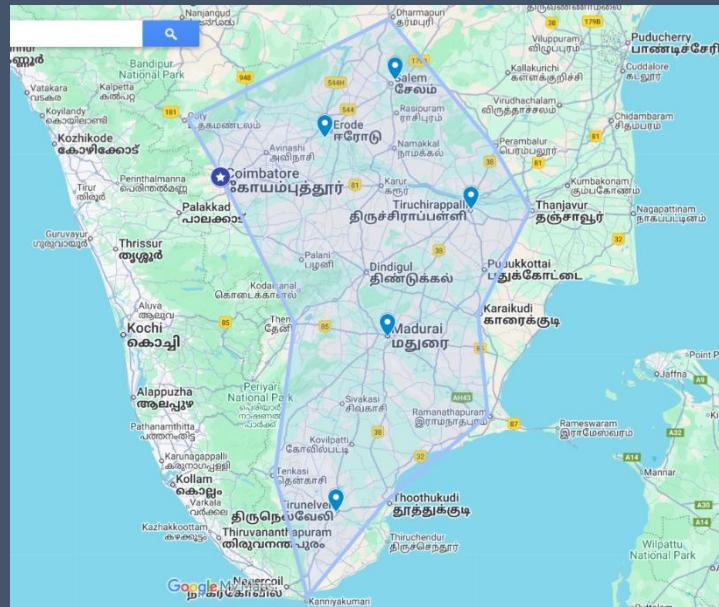
❖ We are registered in,



❖ We provide third-party calibration services through NABL / ISO 17025 accredited partner laboratories.

❖ We provide services in the following locations.

- 📍 Coimbatore (H.O.)
- 📍 Nilgiris
- 📍 Erode
- 📍 Salem
- 📍 Tiruchirappalli
- 📍 Madurai
- 📍 Tirunelveli



For Enquiries



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GWINSTEK **HIOKI**

MESSUNG
workplace technology

testo