



Time Electronics
Calibration, Test and Measurement

START

ABOUT US

Established in 1967 Time Electronics Ltd is a British company that designs and manufactures calibration and metrology instrumentation. We have a comprehensive range of test equipment for use in applications across various industries. Products include decade boxes, portable and benchtop calibrators, DMMs, and custom-made test benches.

Time Electronics' headquarters is based in Tonbridge, Kent, in the United Kingdom, situated 30 miles south of London and occupies 10,000 sq ft of factory and office space. Time Electronics also has sales offices in New York (USA), Dubai (UAE), and Moscow (Russia), Shah Alam (Malaysia).

During our 45 years of continuous development we have built strong business relationships and a wealth of engineering experience. We have a global distribution network, and are represented by companies with strong technical work staffs and highly skilled engineers.

Quality is an integral part of our company philosophy. In addition to building accurate and durable products we provide extensive customer support. This has given us a valuable reputation with organisations worldwide and is one reason for our continued success in the trading market. Time Electronics is accredited to ISO 9001:2008.



HISTORY



1967

Founded by Charles Bailey in Orpington, Kent, UK. Early products included the resistance decade boxes. Primary focus on supplying instruments to the electronics and research & design industries.



1970s

Continuous improvement and company growth. The product range expanded with portable calibrators and sources. Larger benchtop models also added to the line to cover high voltage and current applications.



1980s

The company moved to the current factory in Tonbridge, Kent. Advancements in dedicated calibration systems & software. Sources, simulators, & DMM's integrated into automated test systems of manufacturers worldwide.



HISTORY



1990s

The introduction of state of the art multifunction calibrators. EasyCal software used for calibrator communication and control. Software also offering calibration management and administration features.



2000s

Time Electronics expanded the range to incorporate pressure instrumentation. Test benches covering virtually all calibration parameters are manufactured. Offices opened in Russia and USA.



PRESENT

In 2012 Time Electronics Ltd celebrated 45 years of business. New office opened in Dubai to serve Middle East & North Africa. Turnkey calibration laboratories designed, supplied and installed for customers worldwide.



INDUSTRIES



Time Electronics products are used for various applications in industries worldwide:

Aerospace	Power Generation	Transport	Refineries	Medical
Petrochemical	Manufacturing	Chemical	Military/Defence	Research/Development
Pharmaceuticals	Nuclear	Aeronautics	Shipping	Process Control
Telecommunications	Automotive	Metrology	Education	Automation



CUSTOMERS



With a wide range of products Time Electronics has a broad customer base that spans global industries. Shown here are some of our well known customers.

In addition to these we supply instruments to smaller test facilities and calibration labs, and to larger government agencies and defense sectors.

We are also prominent suppliers to educational institutes and engineer training centres worldwide.

Whether supplying a single decade box or turnkey calibration lab we provide ongoing support and service to all our customers. Being a small and specialist company enables us to react quickly to customer requirements and ensure end users are maximizing their usage of our instruments.



KEY POINTS



Time Electronics Ltd

Mission Statement

Our aim is to provide precision calibration, test and measurement instruments to customers and industries worldwide. We pride ourselves on delivering products that combine accuracy, durability and ease of use for their required applications.

- UK manufacturer of precision T&M and metrology instruments
- Privately owned, small business with 30 employees
- Founded in 1967 by Charles Bailey
- Sales/Service offices in New York, Moscow, and Dubai
- Representation in over 100 countries
- Key markets: Europe, Middle East, Africa, Asia, USA
- Majority export sales
- Accredited to ISO 9001:2008
- Based in Tonbridge, Kent, 30 miles south of London



KEY PERSONNEL



Time Electronics Ltd

Offices

- UK - Time Electronics Head Office
- Moscow - Time Electronics Russia
- New York - Time Electronics USA
- Dubai - Time Electronics MENA (Middle East & North Africa)

United Kingdom: Manufacturing and Head Office

- Managing Director - Martin Bailey
- Sales and Marketing Director - Robert Bailey
- Head of Engineering - Edward Gibbins
- General Manager/Purchasing - Peter Hickey
- QA Manager - Brian Day
- Sales Order Processing - Jan Carter
- Sales Enquiries - Elaine Humble
- Accounts - Sandra Newby



PRODUCTS



Overview of Time Electronics Products

- Portable voltage and current calibrators, simulators, and sources for lab or field use.
- Resistance, inductance, and capacitance decade boxes for industry and education.
- Wide workload multifunction calibrators covering various instruments and devices.
- Process and pressure calibrators, test pumps and gauge for site calibration work.
- Precision benchtop digital multimeters for measuring different parameters.
- Programmable calibrators and sources for incorporation in automated test systems.
- Electrical test calibrators for RCD, loop, insulation, earth testers & multifunction installation testers.
- Calibration software to automate and optimise the calibration process.
- Multi-purpose calibration benches for on-site test facilities, training centres and labs.



DECADE BOXES



MODELS

- Resistance
- Capacitance
- Inductance

APPLICATIONS

- Wheatstone bridge measurement
- Shunt measurement trimming
- Instrument calibration and test
- PRT & PT100 simulation

USERS

- Electronic R&D engineers
- Calibration technicians
- Education
- Scientific research

BENEFITS

- Ergonomic design
- High accuracy
- Excellent stability
- Simple operation
- Rugged & durable



PORTABLE VOLTAGE and CURRENT INSTRUMENTS



MODELS

- Voltage Sources, Simulators, Calibrators
- Current Sources, Simulators, Calibrators
- Multifunction Voltage & Current Calibrators

APPLICATIONS

- Low power circuit test and verification
- Process instrumentation calibration
- Loop control injection and measurement

USERS

- Electronic engineers
- Calibration technicians
- Process control engineers
- R&D technicians
- Service engineers

BENEFITS

- High accuracy
- Simple operation
- Compact & durable
- Multi-purpose



PORTABLE PROCESS INSTRUMENTS



MODELS

- Loop Calibrators & Sources
- Temperature Simulators & Calibrators
- Multifunction Process Calibrators

APPLICATIONS

- Process instrumentation calibration
- Loop control injection and measurement
- Temperature calibration, RTDs, PT100 simulation

USERS

- Calibration technicians
- Process control engineers
- R&D technicians
- Scientific research

BENEFITS

- High accuracy
- Simple operation
- Compact & durable
- Multi-purpose



PRESSURE INSTRUMENTATION



MODELS

- Portable calibrators
- Hand pumps
- Benchtop pressure pumps
- Digital pressure gauges



APPLICATIONS

- Pressure instrumentation & device calibration
- High accuracy pressure generation
- Field pressure calibration and checking
- Precision pressure measurement



USERS

- Calibration technicians
- Process plant engineers
- Field technicians
- Oil & Gas companies



BENEFITS

- Pneumatic & hydraulic
- High accuracy
- Simple operation
- Durable for field & lab
- Calibrators with loop current measure



ELECTRICAL TEST CALIBRATORS



MODELS

- Electrical tester calibrator
- Field calibrators for insulation testers
- Ductor tester & micro-ohmmeter calibrator
- PAT calibrator

APPLICATIONS

- Calibrate RCD, loop, insulation, earth testers.
- Calibrate micro-ohmmeters
- Calibrate meg-ohmmeters
- Portable appliance tester calibration

USERS

- Electrical test engineers
- Calibration laboratories
- Maintenance engineers
- Quality technicians

BENEFITS

- Multi-purpose
- Lab and portable models
- High accuracy
- Simple operation



PRECISION CALIBRATORS and DMMs



MODELS

- Task specific calibrators
Voltage, current, power,
resistance, temperature,
frequency
- AC & DC power
sources (for ATE)
- 6.5 & 7.5 digit bench
multimeters

APPLICATIONS

- Laboratory calibration
- Signal injection into
automated test systems
- Precision measurement
- Repair and maintenance

USERS

- Calibration technicians
- Automation
- Manufacturers
- R&D technicians
- Maintenance engineers

BENEFITS

- High accuracy
- Programmable
- Job specific or
multifunction models
- EasyCal software
compatible



MULTIFUNCTION CALIBRATORS



MODELS

- Multi product calibrators
- Combined calibrator with internal DMM & PC
- Entry level to precision models

APPLICATIONS

- Laboratory calibration DMMs, oscilloscopes, clamp meters and more
- Signal injection into automated test systems
- Repair and maintenance

USERS

- Calibration labs
- Automation (ATE rigs)
- Manufacturers
- R&D departments

BENEFITS

- Wide workload coverage
- High accuracy
- Fast calibrations
- Expandable systems
- EasyCal software compatible



CALBRATION BENCHES



ABOUT

CalBench is a custom built work station for industrial test facilities & calibration labs.

A wide range of modules for calibration of electrical, pressure, temperature, and loop are available.

APPLICATIONS

- Comprehensive calibration of multiple devices & instruments
- Electrical, process, pressure and more
- Repair and maintenance
- Engineer training

USERS

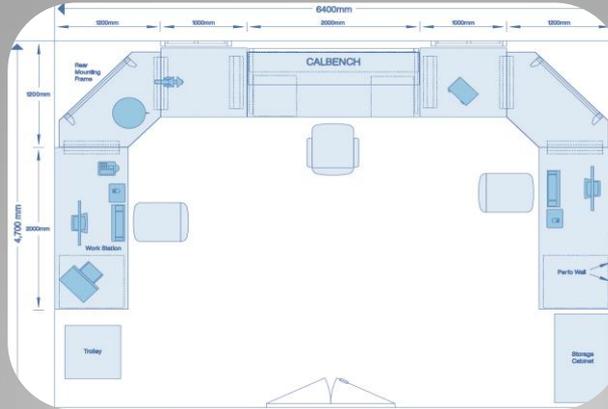
- Calibration technicians
- Oil & gas, mining, power generation, process.
- Universities & schools
- Engineer training centres

BENEFITS

- Custom made
- Multi calibration
- Single workstation
- Wide range of modules to select from
- Turnkey lab design & supply available



TURNKEY LAB DESIGN



ABOUT

Turnkey design and supply service for customers requiring an efficient and ergonomic on-site calibration laboratory.

Hardware and software used to create a complete calibration program.

APPLICATIONS

- Comprehensive calibration of multiple devices & instruments
- Designed to optimise the calibration process
- Incorporates customer specified workstations

USERS

- On-site test facilities
- Oil & gas, mining, power generation, process.
- Refineries
- Offshore platforms
- Calibration labs

BENEFITS

- Customer specific
- Multi calibration
- Supplied, installed & commissioned
- Automated calibration
- EasyCal & CalBenches for universal calibration



CONTACT US



Time Electronics

Calibration, Test and Measurement

UK:

Time Electronics Ltd

Unit 11 Sovereign Way
Tonbridge, Kent, TN9 1RH
UK

Tel: +44 1732 355993

Fax: +44 1732 770312

Email: mail@timeelectronics.co.uk

Web: www.timeelectronics.com

UAE:

Time Electronics MENA

PO Box 18980, Al Nahda Road,
Dubai,
United Arab Emirates

Tel: +971 4 252 1990

Fax: +971 4 251 1671

Email: sales@te-mena.com

Web: www.te-mena.com

USA:

Time Electronics USA

55 Lumber Rd
Roslyn, NY 11576
USA

Tel: +1 516 723 9909

Fax: +1 516 723 9910

Email: info@timeeusa.com

Web: www.timeeusa.com



Authorized Distributor



PIC Engineering And Services (002110838-X)

No. 72, Jalan Keluli AN7/AN,
Pusat Perniagaan Bukit Raja, Seksyen 7
40000 Shah Alam, Selangor D.E., Malaysia

Tel: +6019 338 8819 Fax: +603 3343 8819

Email: sales@picengineering.com.my

Website: www.picengineering.com.my



Time Electronics
Calibration, Test and Measurement

THANK YOU