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## ELE International Centre of Excellence, Buckinghamshire United Kingdom

ELE International specialise in the design, manufacture and supply of high quality construction materials testing equipment and environmental instrumentation. Our products are backed by global customer service, with comprehensive technical and applications support.

ELE International was founded in 1961 with a mission to serve the materials testing needs of the Construction Materials Industry. The Environmental Division, specialising in international projects, was created in 1983.

ELE is considered one of the pioneers within the Materials Testing Industry both in the UK and internationally. The business has seen steady growth over the years and the portfolio has increased from single digits to hundreds of new and innovative testing products.

Product sales, manufacturing, service and customer support are available from strategically located offices in the UK with dedicated sales offices in the Middle East and Asia, and more than 40 channel partners around the globe supporting the ELE brand in region.

The head office of ELE International is located in Milton Keynes, Buckinghamshire, United Kingdom and is a centre of excellence for ELE's innovation and new product developments.

### Mission Statement

To develop new materials testing technologies that ensure the safety of civil infrastructure systems globally, technologies that improve the quality of our buildings, roads, bridges, and homes.

### Vision Statement

For ELE International to be identified as a benchmark for quality, innovation and customer support. To empower its employees and associates to develop and grow with the business to reach their full potential.



## Established Presence and Legacy

ELE International has been a prominent player in the field of construction materials testing for nearly six decades with a legacy spanning back to 1960, ELE International has consistently delivered reliable, accurate, and high-performance testing equipment.

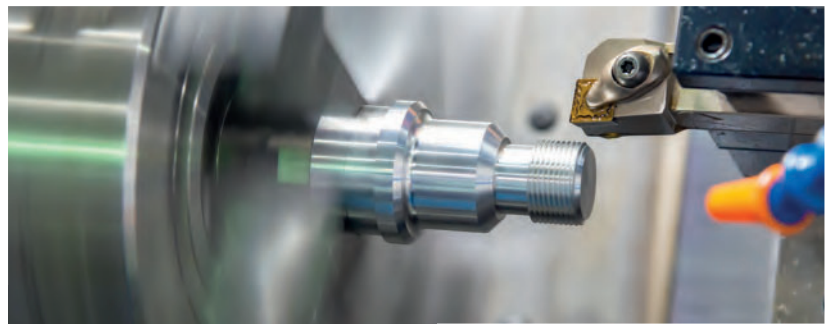
With a strong global presence, ELE International has developed an extensive network of distributors and representatives, ensuring convenient access to their products and services in different regions of the world. Among the reputable companies in the industry, ELE International stands out with its exceptional presence, understanding of customer needs, advanced technology, and skilled workforce.

## Comprehensive Range

ELE International operates in a comprehensive range of testing equipments to cater to diverse needs in the construction and materials testing industry. Its extensive product portfolio covers various materials, including soil, concrete, cement, aggregates, and asphalt. Whether it requires equipment for laboratory testing or on-site applications, ELE International has a solution to meet all the specific requirements. This versatility makes ELE International a one-stop destination for high-quality testing equipment.

# ELE International

## Innovators



### Advanced Engineering

The Engineering team is split into three disciplines; mechanical, electronic and software. These teams work together to introduce new products, maintain existing products and support our internal departments requiring engineering input and assistance.

Following significant capital investment, our engineering team run the latest 3D CAD and FEA simulation software to verify our designs and ensure our equipment is safe, robust and meets international standards.

These investments help us to introduce new products in a fast and efficient manner utilizing the latest production methods such as multi axis CNC and laser cutting equipment, along with 3D printing technology for rapid prototyping.

The Engineering Design team can assist with laboratory layouts, helping plan the position of machines and advising on their service requirements such as water, power and drainage, and also producing fly-through videos and detailed floor plans.



### Quality Control

It is the policy of ELE International to provide its customers with good quality products, service and workmanship that fully meets their expectations by maintaining continual development of quality and laboratory management systems. It is the intention for products to be safe, reliable, fully fit for purpose and compliant to statutory health and safety regulations. ELE International has a quality management system certified to the requirements of BS EN ISO 9001 covering all aspects of the business, from concept design, manufacturing, assembly, test and inspection, to warehousing and after-sales support, for repair and calibration. Our system is subject to regular surveillance by an internationally recognised third-party certification body. All processes are defined and documented to meet the requirements of our customers.

In addition to this ELE International has a laboratory management system for the calibration and testing of force measurement systems, enabling us to carry out on-site service and calibration of compression testing machines and associated equipment. The organisation is committed to the use of good professional practice in providing a high standard of calibration and service.

Our quality control procedures, backed by the proven reliability of our test equipment and the experience of our team, ensure we can repeatedly supply the highest quality products to give a long and trouble free operating life with minimal maintenance costs.

# ELE International

## Leading-edge Innovations



### SoilTest PRO Range

#### AUTO Soils Consolidator (ASC)

The ASC is fully automatic and runs a full consolidation test without user intervention, which saves valuable time. A built-in electronic stepper motor ensures precise control of loading over the entire 15 kN range. This design improves the accuracy of loading and avoids the need for a compressor.

- Fully Automatic – reduces testing time.
- No compressor – stepper motor improves accuracy across entire 15 kN load range.
- Variable speed to suit sample type.
- Multi language.
- 7" waterproof, colour, graphical touchscreen.
- Ability to include manual Consolidation Frames.
- Can change target loads during a test.
- Flexible reports.
- Save configurations for easy set-up of multiple cells and repeat tests.
- Compatible with latest DS8 software.
- Wide range of sample cells.



### DS 8.0 ATM Software

#### For Systematic Testing

The AUTO Soils Consolidator has been launched alongside the latest version of ELE's DataSystem soil test management software, DS8.0 which is loaded with the current BS, ASTM and AASHTO standards, and is compliant with windows 10.

- Automatic Test Management Software
- Cost effective
- User friendly
- Reduces test time
- Ethernet connectivity
- Manage up to 16 machines simultaneously
- Remote service diagnostics
- Advanced customisable reporting



## ADR Touch Control PRO

### Accurate & Consistent Testing

The ADR Touch Control Pro will deliver all the features and quality of the established ADR-Auto range, with its 20 year history, but with a new sleek design and additional capabilities. The console assembly consists of an ADR Touch Control Pro and power base which can be used with all existing concrete and cement frames.

- Larger 7-inch, high resolution, colour display.
- Favourites option for test samples.
- Flexible head: 75-degree rotation and 45-degree tilt.
- Available in English, Spanish, Portuguese and French options.
- Remote operation away from test area via App.
- Remote diagnostics.
- Dual sensor for testing both concrete and cement samples on one frame.
- Upgrade kits available for compatibility with existing lower consoles.
- Over 100 pre-programmed test profiles and large memory storage capacity available.



## AUTO Soil Compactors

### BS/EN & ASTM Models

The time and effort required to prepare specimens for compaction studies and other test methods can often be costly and time-consuming. The use of an automatic, mechanical compactor will show considerable cost benefits over hand compaction methods. Two models meeting the requirements of BS/EN and ASTM are available.

- NEW CE compliant guarding as an extra safety measure for users.
- Complies to BS 1377-4, BS 1924-2, EN 13286-2, EN 13286-47, ASTM D558, ASTM D698, ASTM D1557, AASHTO T99, AASHTO T134, AASHTO T180 standards.
- Pre-set blow pattern ensures even compaction.
- Solid state controls for reliability and ease of maintenance.
- Automatic re-setting of counter after completion of blow pattern.

# ELE International

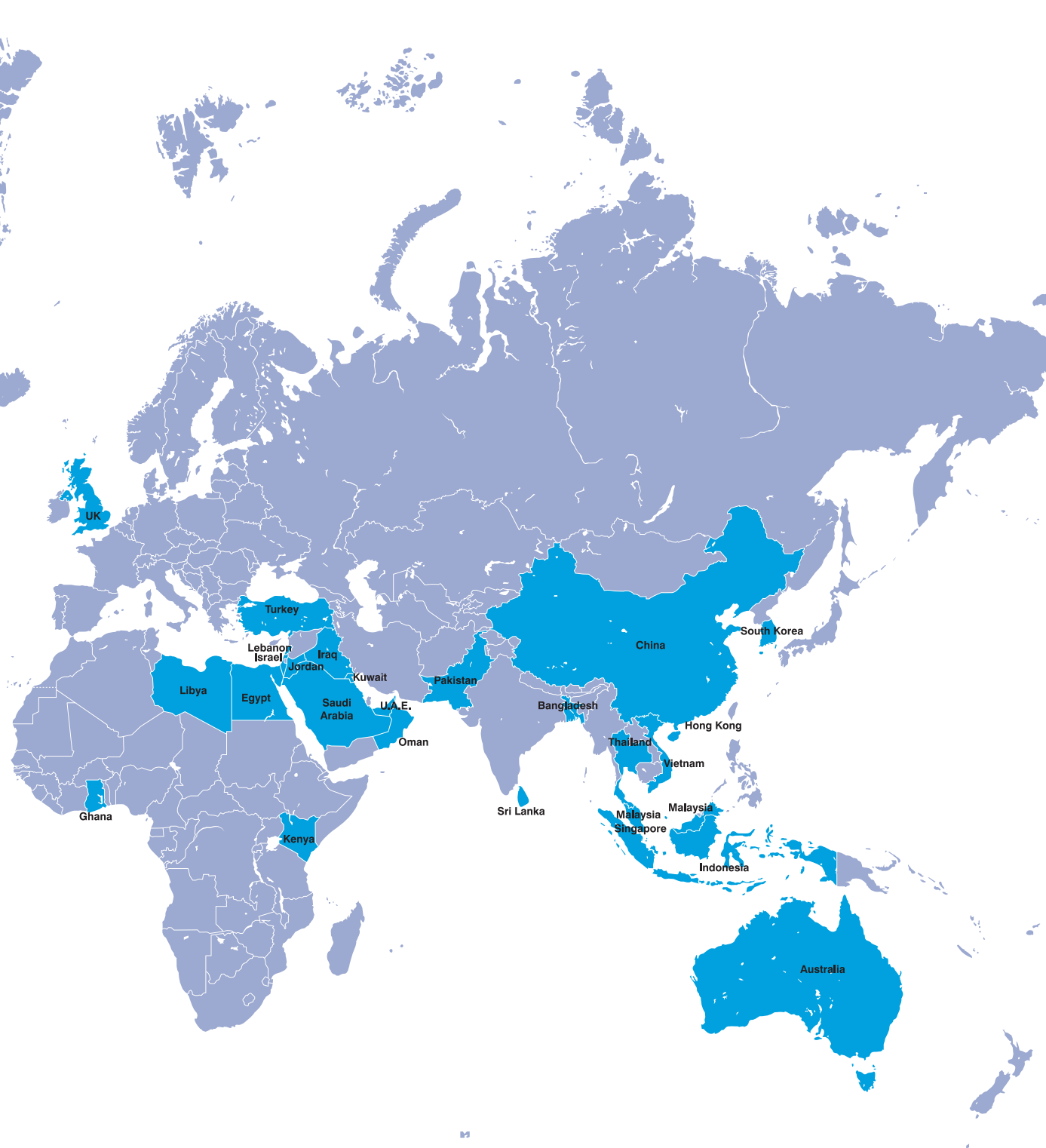
## Global Distribution

Our network of distributors and service providers gives us a global reach and allows us to react quickly and efficiently to the needs of our customers, whatever they may be. From quotation to installation, calibration to training, ELE will strive to give the best possible service to the standard they would expect.



**We have distributors based in the following countries:**

Argentina	Ecuador	Kenya	Singapore
Australia	Egypt	Kuwait	South Korea
Bangladesh	El Salvador	Lebanon	Sri Lanka
Bolivia	Ghana	Libya	Thailand
Brazil	Guatemala	Malaysia	Trinidad & Tobago
Canada	Honduras	Mexico	Turkey
China	Hong Kong	Nicaragua	U.A.E.
Colombia	Indonesia	Oman	United Kingdom
Costa Rica	Iraq	Pakistan	USA
Dominican Republic	Israel	Peru	Vietnam
	Jordan	Saudi Arabia	





### Exceptional Customer Support

At ELE we are committed to providing the best possible support and after-sales care to our customers. ELE has been in business for more than 60 years and has a worldwide reputation for quality. This not only covers the wide range of testing and laboratory equipment that we supply, but also the standard of service and technical support that we offer.

In the modern market place, and with the diversity of our end users, we understand that each customer has different requirements, which is why we pride ourselves on being able to react quickly and efficiently to any situation. Our global team of trained service engineers are dedicated to responding to customer enquiries and we aim to provide complete solutions, whatever the nature of the enquiry. Purchasing equipment is just the start of our journey together; we offer a comprehensive training program for operators and engineers alike, with courses based in our UK and other regional offices at customers' sites.

Our skilled Engineers will ensure that any issues arising are dealt with in a timely and professional manner.

Calibration is an essential part of ensuring the accuracy of our test equipment. We have a highly trained and experienced global team of engineers so you can rest assured that the calibration of your equipment is carried out to the highest possible standard.

When you buy a ELE product, you are not just getting high quality equipment from one of the leading companies in the market, you are also buying the comfort of knowing that we are here to support you every step of the way.