

Your Provider Of High Quality Material Testing Equipment

If It's Worth Building, It's Worth Testing

May 2025

As summer approaches, now could be a great time to book a service visit. The summer months coincide with the ELE Service Team being at their busiest, covering test houses and universities so please ensure your service is booked – contact the customer service team now.

Following the amazing response to the recent product launches, ELE is pleased to announce the ELE website has also been updated. The new site is your first stop when searching for testing equipment, services, ELE news and other resources. Please take a visit, feedback is always welcome.

Finally, we have more new products to announce shortly in both the geotechnical field and the concrete sector, please follow our social media posts and keep an eye on the new website.

As always, we are ready to support your requirements and receive feedback on our services – please call on **+44 (0) 20 7193 6027** or send an email to ele@eleint.co.uk

New Arrivals Into Stock

Range of compression machine frames including



ADR Touch Control PRO 3000

Product code: 36-5165/01
Category: Compression Machines

Explore More



ADR Touch Control PRO 2000/250

Product code: 36-5155/01
Category: Compression Machines

Explore More



ADR Touch Control PRO 2000

Product code: 36-5125
Category: Compression Machines

Explore More



Large range of sieves

Product code: 79-0xxx, 79-1xxx,79-2xxx,79-3xxx, 79-5xx
Category: Particle Size Analysis

Explore More

Product Focus

Gyratory Compactor

Product code: 45-6750/01, 45-6750/02, 45-6750/06
Category: EN 12697-31, EN 12697-10, ASTM D6925, SHRP M-002, AASHTO T312

Precise Asphalt Compaction

The ELE Gyratory Compactor is designed for consistent, high-quality sample preparation and performance analysis of asphaltic mixtures. Delivering accurate compaction under vertical stress and controlled gyration, it provides real-time data on mixture density and void content.

Key Highlights:

- Dual Sample Capability:** Accepts 100 mm and 150 mm moulds without adjustment.
- Smart Operation:** Automatic mould insertion/retraction and real-time compaction data display.
- User-Driven Software:** Windows™–based interface with USB connectivity and Excel™ export.
- Customisable Testing:** Compact by number of gyrations or target density/voids.
- High-End Design:** Pneumatic stress system, safety interlocks, and robust steel frame for durability.



Technical Overview

Gyration Angle:	• Adjustable from 0.2° to >2°
Stress Range:	• 600 kPa nominal, up to 1000 kPa max
Sample Sizes:	• 100 mm and 150 mm diameter
Speed:	• 30 RPM
Power:	• 220-240 V AC, 50 Hz / 110-120 V AC, 60 Hz
Air Supply:	• 7-10 bar, 350 L/min
Dimensions (L×W×H):	790 × 995 × 1920 mm

Applications

- Asphalt mixture compactibility evaluation
- Superpave asphalt mixture design
- Sample preparation for performance testing
- Wet and dry asphalt compaction

For further information contact us at

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