

Your Provider Of High Quality Material Testing Equipment

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

July 2025

point offers a perfect opportunity to take stock of projects delivered, equipment in use and what's needed in the future. With many laboratories entering a quieter phase over summer, now is the ideal time to

As we step into July, it's hard to believe we are already halfway through 2025. This mid-year

review servicing needs, recalibrate equipment, and upgrade systems in preparation for a busy autumn. Don't forget, ELE is UKAS accredited and able to calibrate not just ELE equipment

but also other equipment in your labs. Check our updated website, it's packed with new product information, datasheets, and

downloadable resources to support your planning. We are always ready to support your requirements and receive feedback on our services, let ELE

International be your trusted partner – please call on +44 (0) 20 7193 6027 or send an email to

ele@eleint.co.uk

Range of compression machine frames including

New Arrivals Into Stock



ADR Product code: 39-7160/01

Category: Fly Ash, Mixing, Moulding, Curing and Strength **Explore More**



Category: Compaction & CBR

Test Equipment **Explore More**

Product code: 24-9150/01



Product code: 38-2015/01

Category: Consistency, Setting Time, Workability and Flow **Explore More**

Auto Vicat



Product code: 27-1500/01 Category: Data Logging,

Software **Explore More**



Product code: 46-5290 Category: Bitumen and Tar,

Explore More

Asphalt



Apparatus Product code: 38-4600/01

Explore More



Category: Consolidation Apparatus, Soils

Product code: 25-0402

Explore More

Mortar Mixer – Digital 5 Litre Capacity Product code: 39-0045/01, 39-0045/06

Product Focus

Product Overview Designed for laboratory mixing of mortars and cement pastes, the ELE

13279-2, EN 1015-2, EN 13395-1, EN 13454-2, BS 6463-103

Category: EN 196-1, EN 196-3, ISO 679, EN 413-2, EN 459-2, EN 1744-1, EN

commercial environments, this mixer provides a consistent foundation for precise, reproducible test specimens. Relevance/Use Case

supporting automated and manual operation to suit every lab.

Mortar Mixer delivers exceptional control, repeatability and compliance across multiple cement testing standards. Whether in education or

A reliable, programmable mixer is key to consistent sample preparation – especially for EN and ISO compliance. The microprocessor-controlled system offers flexibility for both routine and research applications,

• New microprocessor control: for speed accuracy and cycle automation • Manual and automatic modes: with rocker-switch speed change Pre-set mixing cycles: tailored to various test standards Sand and water dispensers: included as standard

• Complies with all major EN cement and mortar mixing standards

Dimensions (L × W × H)

Power Supply Options:

Mixing Speeds (rpm)

Feature:

Rated Power

Weight

Bowl Capacity

Key Highlights:

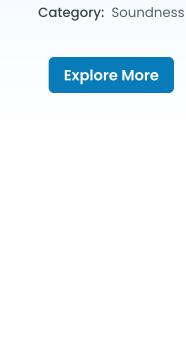
Technical Overview

180 W 5 litres

54 kg

Specification:

530 × 350 × 580 mm





Recommended Accessory • 39-0045/01 - 220-240 V AC, 50 Hz, 1 ph • Spare Bowl: 39-0045/10 • 39-0045/06 - 220-240 V AC, 60 Hz, 1 ph Scraper: 39-0045/12

 Cleaning Brush: 39-0045/13 **Product Focus**

AASHTO T129, AASHTO T131 Product Overview

modern cement laboratories.

Auto Vicat Apparatus

Product code: 38-2015/01

The ELE Automatic Vicat Apparatus performs setting time and consistency testing for cement with a fully automated,

programmable sequence. Its internal software, real-time LCD display, and built-in printer streamline compliance testing across

Relevance/Use Case Setting time and consistency are critical parameters in cement performance. Auto Vicat delivers these with precision and efficiency -

both EN and ASTM standards — making it an efficient solution for

Category: EN 196-3, EN 480-2, EN 13454-2, ASTM C187, ASTM C191,

standard compliance. **Key Highlights:**

• Fully automatic test cycle with LCD display

• Stores up to 50 complete test results

• Penetration intervals: 30 sec, 1, 5, 15, or 30 mins

- · Real-time graphing + automatic test report printing • RS232 interface + Windows® software for data export
- Operates in saturated humidity at 20°C ± 1°C
- Feature: **Specification:**

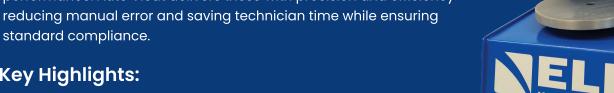
Power Supply: 220-240 V AC, 50-60 Hz, 1 ph Up to 5 programmable test profiles Memory:

Technical Overview

RS232 port + supplied software Connectivity: EN & ASTM needles, mould, glass plate, Includes: plunger, RS232 cable

NELE

• Paddle – 140 ± 5 (low), 285 ± 10 (high) / • Mixing Head – 62 ± 5 (low), 125 ± 10 (high)





- Consistency Plunger 38-2015/16
- EN & ASTM Needle Sets 38-2021 / 38-2023 • Printer Paper Rolls – 38-2015/14
- ASTM / EN Vicat Moulds 38-2660, 38-2300
- For further information contact us at ELE International, 12 Carters Lane, Kiln Farm, Milton Keynes, MK11 3ER









