

JOLTING TABLE

Enhance the accuracy and efficiency of your cement mortar testing with the Vector Jolting Table—a high-quality machine designed for the precise compaction of cement mortar prisms. Engineered to meet and exceed industry standards such as [EN 196-1](#), [ISO 679](#), [EN 413-2](#), [EN 459-2](#), and [EN 13454-2](#), this robust apparatus is an essential tool for laboratories focused on the flexural and compression strength testing of cements, mortars, and other binding materials.



VTR-1024



Vector Jolting Table

Accurate and Consistent Cement Mortar Compaction

Overview

The Vector Jolting Table is specifically designed for preparing standard test specimens measuring 40×40×160mm. It features a solid mould table seated on a rotating cam driven at a consistent rate of 60 revolutions per minute, ensuring a precise and uniform compaction process. The apparatus simulates the standardized jolting action required to compact fresh mortar into three-gang moulds, producing specimens that are reliable and consistent for testing.

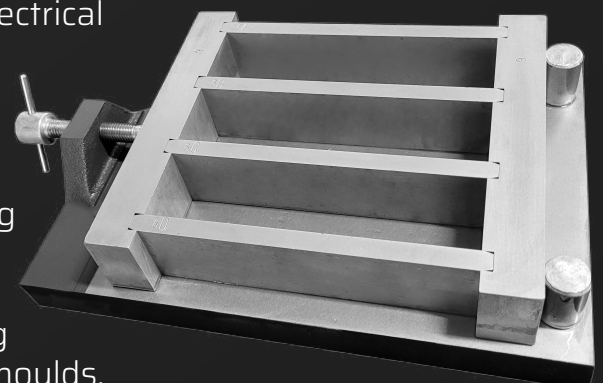
One of the standout features of the Vector Jolting Table is its sturdy and deformation resistant construction. The table is guided by two ball-bearing mounted arms, providing smooth operation and longevity. The drop height of 15 mm is adjustable, allowing users to maintain accuracy even after intensive use. The apparatus includes a removable steel plate on the compaction table surface, which can be easily replaced when worn, extending the lifespan of the equipment.

For user convenience, the jolting table comes equipped with a digital control unit placed above the isolation cabinet for easy access. This unit allows for straightforward programming and control of the testing process, including automatic stop control at the end of the test. The control module is easily interchangeable, enabling quick replacements without the need for technical assistance or further adjustments.

The Vector Jolting Table is designed with safety and user-friendliness in mind. It features an isolation cabinet made of steel, providing a secure and stable testing environment. The cabinet is equipped with a soundproof protective cover that reduces noise levels below 80 dB, complying with European health regulations and CE directives. A safety electrical interlock prevents operation when the cabin is open, ensuring user protection. The folding door with a gas spring allows easy access for assembling and disassembling moulds, enhancing operational efficiency.

Compatibility is another key advantage of the Vector Jolting Table. The apparatus accepts moulds manufactured by Vector as well as those from other manufacturers, offering flexibility to laboratories with existing equipment. The quick clamping system with fast-action articulated grips secures the mould and feeding hopper firmly to the table, facilitating rapid setup and consistent contact between the mould base and the table surface.

Maintenance of the jolting table is straightforward due to its robust design and the availability of spare parts. Components subject to wear, such as the cam, hammer, and anvil, can be easily replaced, minimizing downtime. Vector maintains a ready stock of these parts, ensuring that your equipment remains operational with minimal interruption.



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By choosing the Vector Jolting Table, laboratories benefit from a machine that combines precision, durability, and ease of use. Its compliance with international standards ensures that test results are accurate and reliable. The user-friendly features, such as the comfortable one-button operation and quick mould locking system, streamline the testing process, saving time and reducing the potential for errors.

Investing in the Vector Jolting Table means investing in quality and reliability for your laboratory's cement and mortar testing needs. Its robust construction, safety features, and ease of maintenance make it an indispensable tool for producing high-quality test specimens, ultimately contributing to more accurate and trustworthy test results.



TECHNICAL SPECIFICATION

Specification	Details
Application	Compaction of cement mortar prisms in three-gang moulds (40 × 40 × 160 mm)
Compliance Standards	EN 196-1, ISO 679, EN 413-2, EN 459-2, EN 13454-2
Operating Speed	60 jolts per minute (60 revolutions per minute)
Drop Height	Adjustable to 15.0 mm (± 0.3 mm)
Mould Compatibility	Accepts moulds manufactured by Vector and other manufacturers
Control Unit	Separate digital control panel with start/stop buttons and automatic stop at the end of the test
Isolation Cabinet	Steel construction with protective cover for sound insulation and safety; complies with CE directives
Noise Level	Noise reduction cabin reduces sound level below 80 dB
Safety Features	Safety electrical interlock prevents operation when the cabin is open
Motor Specifications	Electric motor driving a rotating cam at 60 rpm
Power Supply	220 V, 50 Hz
Power Consumption	0.25 kW
Control Options	Dual testing procedures: set target revolutions/drops or total working time
Clamping System	Quick clamping with fast-action articulated grips for securing mould and hopper
Table Surface	Precisely machined surface for perfect contact with mould base; removable steel plate for easy replacement when worn
Guiding Mechanism	Table guided by two ball-bearing mounted arms for smooth operation
Adjustable Components	Drop height adjustable to maintain accuracy after intensive use; hammer equipped with adjustable height
Dimensions	1200 x 600 x 1150 cm
Weight	300 kg