Concrete Vibrating Table

LT-C0086 / C0087 / C0088 / C0089 | Compaction within moulds

4 / 8 / 9 / 10 moulds • Retaining edges • Optional timer and pedal



3000 / 3600

VIBRATIONS / MINUTE (50 / 60 Hz)

4–10

MOULD CAPACITY BY MODEL

EN 12390-2 • 220 V, 50-60 Hz, single phase • Four model options

Photographs and Components

Vibrating platform, retaining edges, supporting body and control arrangement

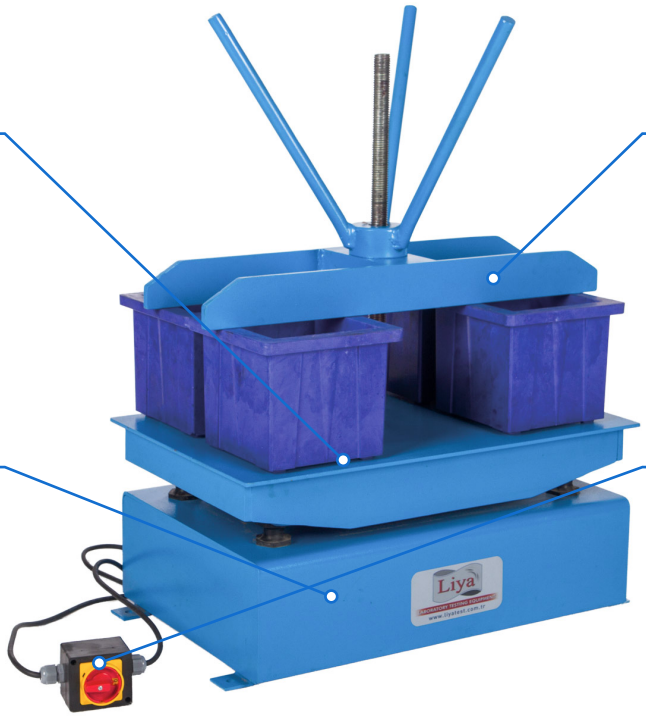
The concrete vibrating table compacts fresh concrete specimens within moulds. Platform vibration supports concrete settlement and helps release entrapped air. The range offers models with capacities of 4, 8, 9 and 10 moulds.

VIBRATING PLATFORM

The unit generates 3000 vibrations per minute at 50 Hz and 3600 vibrations per minute at 60 Hz.

RETAINING EDGES

Platform edges limit mould movement. An optional clamping arrangement provides additional retention.



SUPPORTING BODY

The body supports the platform and vibration arrangement; select a model for specimen preparation demand.

CONTROL OPTIONS

A timer up to 60 seconds and a waterproof pedal are optional; select duration according to the method.



Platform edges and mould working area



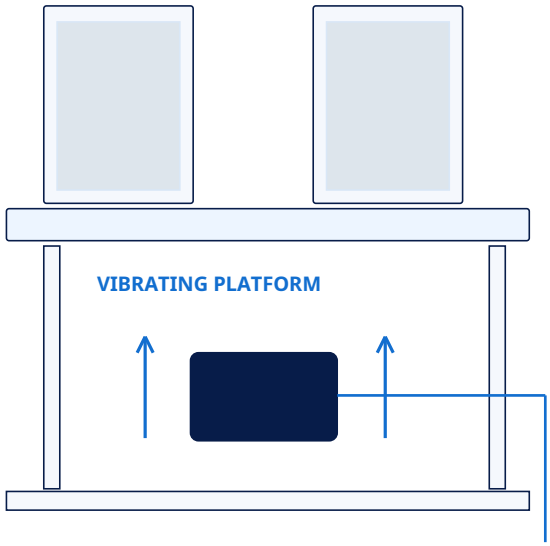
Alternative platform and control arrangement

Operating Principle and Compaction

Position moulds • Secure • Apply controlled vibration • Record specimens

PLATFORM VIBRATION • SCHEMATIC SECTION

SCHEMATIC SPECIMEN PLACEMENT



3000 / 3600 VIBRATIONS / MINUTE

50 / 60 Hz SUPPLY • MODEL-BASED CAPACITY

Position and Secure

Place clean moulds within model capacity. Fill with concrete according to the method and secure the moulds.

Start Vibration

Start vibration. If an optional timer or pedal is fitted, use it according to the selected operating arrangement.

Check and Complete

Observe concrete settlement. Complete compaction, finish the surface and identify specimens before curing.

Vibration transferred through the platform supports concrete settlement into mould corners and voids. Retaining edges and suitable securing maintain mould placement. Select compaction duration for concrete consistency and the chosen test method.

Model and Capacity Selection

LT-C0086 accommodates four moulds, LT-C0087 eight, LT-C0088 ten and LT-C0089 nine. Select a model for daily specimen numbers and mould placement.

LT-C0086 measures 61 × 38 × 78 cm and weighs 60 kg. The other three models measure 62 × 126 × 106 cm and weigh 155 kg. Arrange moulds within the working area.

Control Options and EN 12390-2

An optional timer manages operation for up to 60 seconds. A waterproof pedal and mould clamping arrangement are also optional. Select control and retention arrangements before testing.

Follow the method for specimen preparation under EN 12390-2. Avoid excessive vibration that may cause segregation; finish specimen surfaces and clean the platform after use.

Models, Specifications and Use

LT-C0086–LT-C0089 • Capacity, overall dimensions and common features

Product Code	Mould Capacity	Overall Size (cm)	Weight (kg)
LT-C0086	4	61 × 38 × 78	60
LT-C0087	8	62 × 126 × 106	155
LT-C0088	10	62 × 126 × 106	155
LT-C0089	9	62 × 126 × 106	155

Common Technical Feature	Value / Description
Vibration at 50 Hz Supply	3000 vibrations / minute
Vibration at 60 Hz Supply	3600 vibrations / minute
Power Supply	220 V, 50-60 Hz, single phase
Test Reference	EN 12390-2
Optional Timer	Operating duration up to 60 seconds
Other Options	Waterproof pedal / mould clamping arrangement

Capacity, Retention and Controlled Duration

Arrange moulds within model capacity and check retention. Select vibration duration for concrete characteristics and the test method, avoiding excessive compaction.

Specimen Compaction and Use Workflow

01
Position
Place moulds on the platform within capacity.

02
Fill and Secure
Fill to the method and secure moulds.

03
Apply Vibration
Operate with control; observe settlement.

04
Record and Clean
Finish and identify specimens; clean platform.

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