Portable Vibrating Table

LT-C0085 | Compact compaction table for laboratory and field use

One / two cube moulds • Elastic retaining straps • Vehicle connection



16 kg

UNIT WEIGHT

12 V DC

FIELD POWER SUPPLY

EN 12390-2 • 40 × 30 × 20 cm • 220 V / 12 V DC

LT-C0085

Photographs and Components

Vibrating platform, mould placement, retaining arrangement and portable body

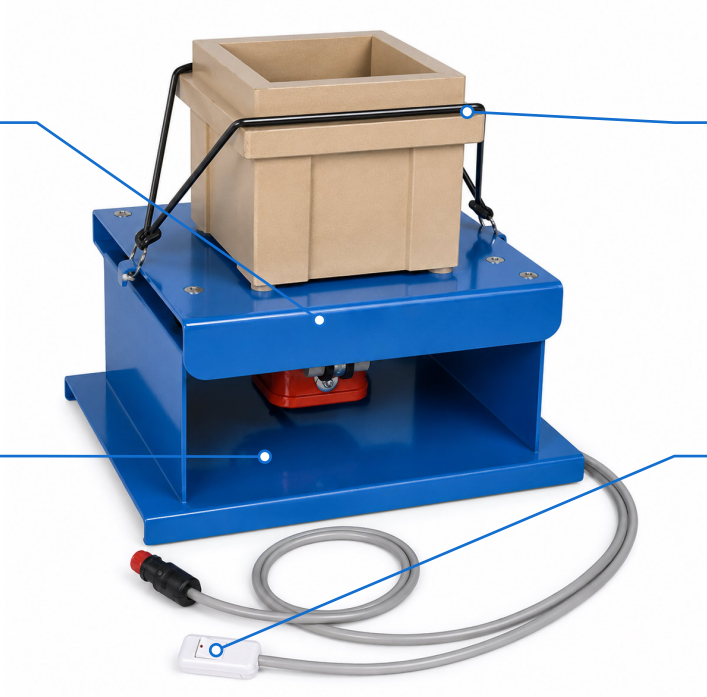
The portable vibrating table compacts fresh concrete specimens inside moulds. Depending on mould size, the platform accommodates one or two cube moulds. Elastic straps retain the moulds; a vehicle connection facilitates field operation.

VIBRATING PLATFORM

Vibration transfers through the platform to the moulds, supporting concrete settlement into corners and edges.

MOULD RETENTION

Elastic straps limit mould movement during vibration. The table accommodates one or two cube moulds.



PORTABLE BODY

The compact 40 × 30 × 20 cm body facilitates transport between laboratory and site.

POWER AND CONTROL

220 V / 12 V DC supply; a vehicle cigarette-lighter connector and on-off control support practical operation.



Platform and mould retaining area



Compact body and connection arrangement

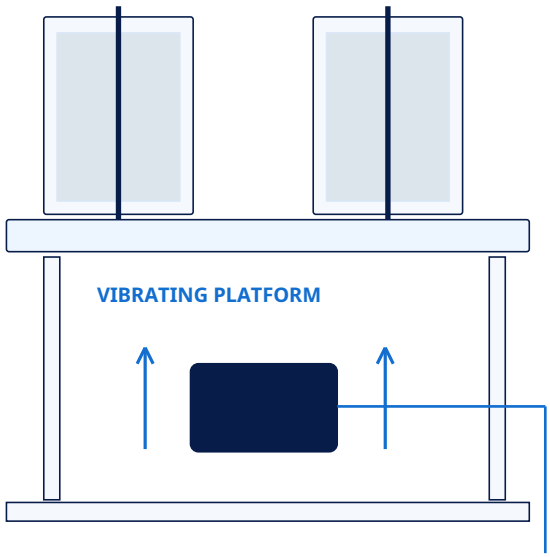
LT-C0085

Operating Principle and Compaction

Position • Secure the mould • Apply vibration • Record the specimen

VIBRATION THROUGH THE PLATFORM

SECURED CUBE MOULDS



220 V / 12 V DC SUPPLY

SELECT MOULD COUNT AND PLACEMENT FOR SIZE

Set Up and Secure

Place the table on a flat, firm surface. Position suitably sized moulds on the platform and secure with elastic straps.

Connect and Operate

Connect the appropriate supply. Start vibration using the on-off control and observe mould placement.

Compact and Record

Monitor concrete settlement. Complete compaction to the method; identify and record the specimen.

Platform vibration supports more uniform settlement of fresh concrete within the mould and helps release entrapped air. Securing the moulds maintains their placement during application. Select vibration duration for concrete consistency and the specimen preparation method.

One or Two Cube Moulds

The platform accommodates one or two cube moulds, depending on mould dimensions. Arrange them within the platform area and check that the elastic straps retain them correctly.

Overall dimensions of 40 × 30 × 20 cm and a weight of 16 kg facilitate transport between work areas. Select a flat, firm surface for setup.

Field Power and EN 12390-2

A 12 V DC vehicle connection enables operation where mains power is unavailable. Check compatibility of the cigarette-lighter connector and vehicle supply; use the 220 V option with an appropriate connection.

Follow the method when preparing specimens under EN 12390-2. Avoid excessive vibration that may cause segregation; clean the platform after use.

LT-C0085

Specifications and Use Workflow

LT-C0085 • Portable vibrating table for concrete specimen compaction

Technical Feature	Value / Description
Product Code	LT-C0085
Product Name	Portable Vibrating Table
Main Use	Compaction of fresh concrete specimens in moulds
Test Reference	EN 12390-2
Overall Dimensions	40 × 30 × 20 cm
Weight	16 kg
Power Supply	220 V / 12 V DC
Vehicle Connection	Vehicle cigarette-lighter connector
Mould Capacity	1 or 2 cube moulds, depending on size
Mould Retention	Elastic retaining straps
Operating Control	On-off switch
Application Area	Laboratory and field

Mould Retention and Controlled Vibration

Check mould placement and elastic straps before operation. Connect the appropriate supply and select compaction duration according to concrete characteristics and the test method.

Specimen Compaction and Use Workflow

01
Position
Set up on a flat, firm surface.

02
Secure
Position moulds; check elastic straps.

03
Apply Vibration
Connect power; observe concrete settlement.

04
Record and Clean
Identify the specimen; clean the platform.

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