Vibratory Hammer Set Kango Hammer

LT-AS0111 | Vertically guided vibratory specimen preparation system

Bituminous mixtures • Proctor and CBR with suitable moulds



37 kg

TOTAL MOVING MASS

Ø102 / Ø146 mm

COMPACTION HEAD DIAMETERS

Steel guiding frame • 300 mm extension shank • Interchangeable heads

LT-AS0111

Photographs and System Components

Electric hammer, vertical guide, extension shank and compaction head

The Vibratory Hammer Set applies vibratory compaction to asphalt and soil specimens in suitable moulds. A steel frame guides the hammer assembly vertically. The selected head transmits vibration from the hammer through the extension shank into the specimen.

ELECTRIC HAMMER

Generates vibration energy. The LT-AS0111/1 hammer weighs approximately 7 kg.

GUIDING FRAME

Coated steel construction helps maintain vertical alignment of the hammer and head.



EXTENSION SHANK

A 300 mm shank connects the hammer to the selected compaction head.

COMPACTION HEAD

Ø102 and Ø146 mm options accommodate different mould arrangements.



Electric hammer and guiding frame connection



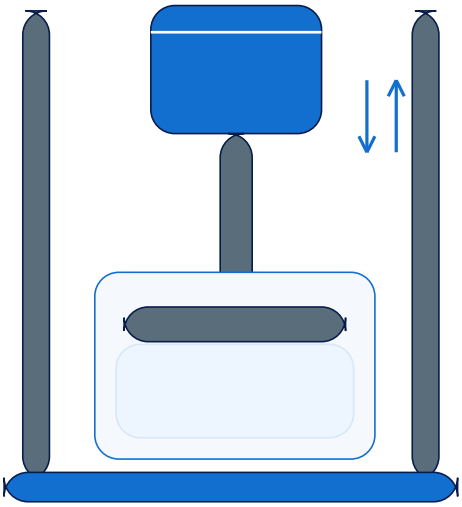
Compaction head, mould and base arrangement

LT-AS0111

Transferring Vibration to the Specimen

Select mould • Align head • Apply vibration • Prepare specimen

HAMMER + EXTENSION SHANK + COMPACTION HEAD



VIBRATION PASSES THROUGH THE HEAD INTO SOIL

TOTAL MOVING MASS: 37 kg

Select the head for the mould and test method

Prepare a compacted specimen using the chosen procedure

REPRESENTATIVE VIBRATORY COMPACTION SECTION • NOT TO SCALE

Select Mould and Head

Choose the mould arrangement and head diameter for the material and test method.

Align Vertically

Place the mould on the base. Align the shank, head and specimen axes.

Compact by Vibration

Apply timing and specimen preparation according to the procedure. Retain operating records.

The electric hammer applies vibration energy through the 300 mm extension shank and selected compaction head. The guiding frame directs movement vertically. Select the mould, head and operating procedure for the specimen being prepared.

Bituminous Mixture Specimens

Place the loose bituminous mixture in a suitable mould. Centre the head over the specimen and apply vibratory compaction. Match material quantity, temperature and compaction time to the chosen method.

Prepared specimens can be used for density, void-property or compactability work according to the relevant procedure. Record compaction conditions with specimen identification.

Proctor, CBR and Accessory Selection

With suitable moulds and accessories, the system supports Proctor and CBR specimen preparation. Select the Ø102 mm small head or Ø146 mm large head to match the mould.

The P.R.D. slotted mould and base plate are listed as LT-AS0111/3. Select the required mould, base and connection accessories for the test method and define the scope of supply.

LT-AS0111

Technical Specifications and Set Components

LT-AS0111 | Guided electric hammer with two compaction head sizes

Parameter	Description / Specification
Complete Set Product Code	LT-AS0111
Total Moving Mass	37 kg
Small Compaction Head	LT-AS0111/4 • Ø102 mm
Large Compaction Head	LT-AS0111/5 • Ø146 mm
Extension Shank	LT-AS0111/6 • 300 mm
Set Dimensions / Weight	51 × 30 × 112 cm / Approximately 75 kg
Electric Hammer	LT-AS0111/1 • Approximately 7 kg
Hammer Dimensions	11 × 43 × 27 cm
Steel Guiding Frame	LT-AS0111/2 • Approximately 45 kg
Power Supply	220 V • 50-60 Hz • Single phase

Match Mould and Head to the Specimen Preparation Method

Check head fit and vertical alignment. Record material, mould, head, compaction time and relevant preparation conditions together.

Vibratory Compaction Workflow

01
Select
Choose a suitable mould and compaction head.

02
Position
Fill the mould and align the head.

03
Compact
Apply vibration according to the procedure.

04
Complete
Prepare the specimen and operating records.

Product Page | liyatest.com.tr/en/urun/vibratory-hammer-set-kango-hammer/