Cement Flow Table

LT-CE0050 / 51 / 52 / 53 | Manual and motorized EN / ASTM options

Truncated-conical mould • Controlled table drops • Flow measurement



4 models

MANUAL AND MOTORIZED OPTIONS

EN / ASTM

METHOD-SPECIFIC CONFIGURATIONS

EN 1015-3 • EN 459-2 • ASTM C230/C230M

Photographs and Test Components

Motorized model, counter, control buttons and manual mechanism

The flow table determines the spread of fresh mortar after controlled drops. Motorized models allow the number of drops to be preset and stop automatically at the end of the cycle. Manual versions are operated by hand.

MOULD AND TABLE

Position the truncated-conical mould centrally. Prepare the mould and surface according to the method.

DROP COUNTER

Set the target number of drops on the motorized model. Check the counter before starting the test.

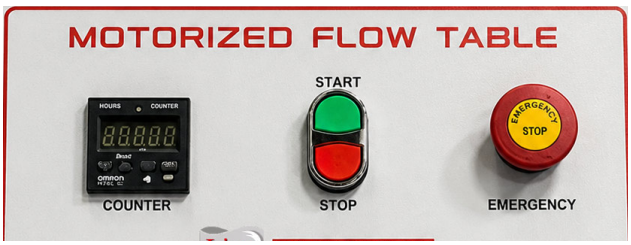


START / STOP

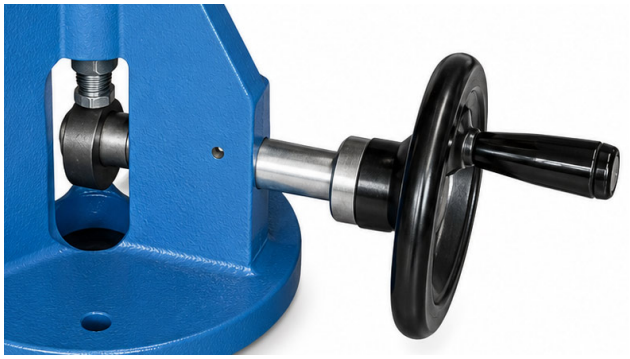
The photographed panel shows operating controls and a separate emergency stop button.

SUPPORTING BODY

The body supports table movement. Position the apparatus on a stable, level surface.



Motorized model drop counter and control panel



Manual model hand wheel and cam mechanism

From Table Drops to Flow Measurement

Fill the mould • Lift and apply drops • Measure the spread

TABLE SIDE VIEW • SPREAD TOP VIEW

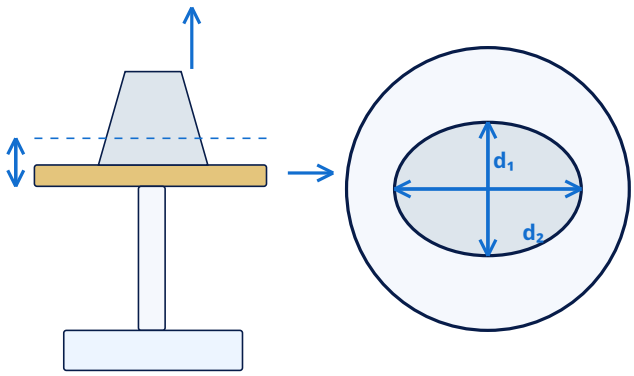


TABLE DROPS

SPREAD DIAMETER

EN: MEAN DIAMETER • ASTM: METHOD-DEFINED FLOW

d_1 AND d_2 • MEASURE IN PERPENDICULAR DIRECTIONS

PRINCIPLE DRAWING • COUNT, RATE AND READINGS FOLLOW METHOD

Fill and Strike Off

Centre the appropriate mould. Fill and compact using the method layer sequence; strike off the surface.

Lift and Apply Drops

Lift the mould vertically. Apply the number of drops and operating rate required by the selected method.

Measure and Report

Measure in the directions required by the method. Record EN diameter or ASTM flow with the appropriate unit.

Keep preparation and test conditions consistent when comparing mortar mixes. EN and ASTM methods use separate arrangements for moulds, table movement, drop count and result calculation. Match the model to the method.

EN and ASTM Mould Selection

The EN configuration uses a 100 × 70 × 60 mm truncated-conical mould. The ASTM configuration uses a 100 × 70 × 50 mm mould.

Follow the selected standard for filling, compaction and table drops. Avoid disturbing the specimen while lifting the mould.

Record the Result with the Method

EN 1015-3 determines fresh masonry mortar consistency by flow value. EN 459-2 covers building lime tests.

ASTM C230/C230M specifies the table and accessories; ASTM C1437 defines the mortar flow test method. Report sample identification, method, drop count and measurements.

Model Options and Technical Data

Manual / motorized drive • EN / ASTM mould configurations

Product Code	Model	Dimensions / Weight
LT-CE0050	Manual / EN	26 × 26 × 27 cm; 13 kg
LT-CE0051	Manual / ASTM	26 × 26 × 27 cm; 13 kg
LT-CE0052	Motorized / EN	47 × 36 × 35 cm; 36 kg
LT-CE0053	Motorized / ASTM	47 × 36 × 35 cm; 36 kg

Parameter	Technical Information
Motorized Model Power	180 W
Motorized Cycle Rate	Approximately 1 cycle/s
Motorized Drop Control	Preset counter; automatic stop at target
EN Mould Dimensions	100 × 70 × 60 mm
ASTM Mould Dimensions	100 × 70 × 50 mm
Method / Apparatus References	EN 1015-3; EN 459-2; ASTM C230/C230M

Match the Model to the Test Arrangement

Check mould, compaction tool, table movement and counter according to the method. Compare specimens under consistent preparation conditions.

From Fresh Mortar to Flow Result

01
Prepare
Check the model, mould and table surface.

02
Fill
Place and strike off mortar by the method.

03
Apply Drops
Lift the mould; use the required count and rate.

04
Measure
Measure flow; record the method and result.

Product Page | liyatest.com.tr/en/urun/cement-flow-table/