Cement Samplers

LT-CE0048 and LT-CE0049 | Two models for packed and bulk cement

Brass body • Manual operation • Controlled sample collection



580 mm

PACKED MODEL LENGTH

1500 mm

BULK MODEL LENGTH

EN 196-7 • ASTM C183/C183M • AASHTO T 127

Photographs and Sampling Components

Handle, sampling openings, brass body and insertion tip

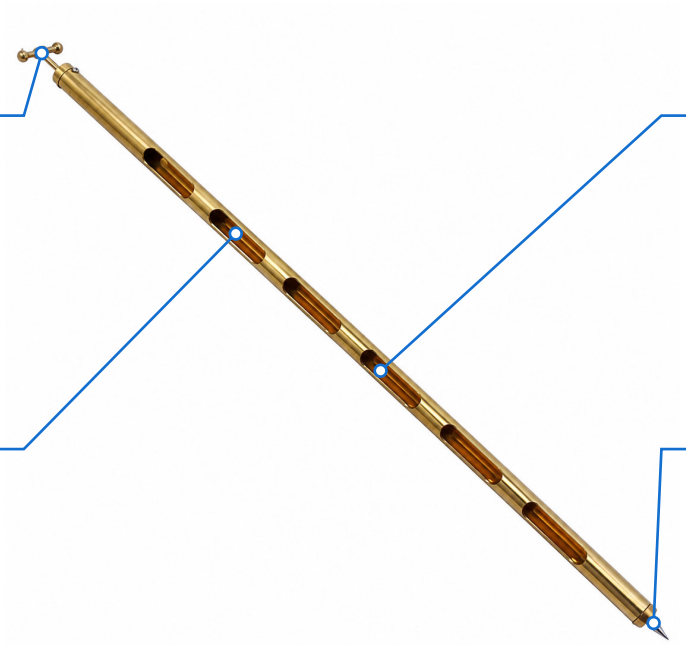
The series provides two sizes for sampling packed and bulk cement. On the bulk model, concentric tubes and a rotating inner tube allow the sampling slots to open and close.

HANDLE

The T-shaped upper handle is used to position the sampler and apply the mechanical movement.

BRASS BODY

The long tubular body extends into stored material. Check cleanliness before sampling.



SAMPLING OPENINGS

Slots along the body admit material. Control the bulk model inlets using the inner tube.

INSERTION TIP

The tip helps guide the sampler into the material. Select an appropriate sampling location.



T-handle and upper tube connection

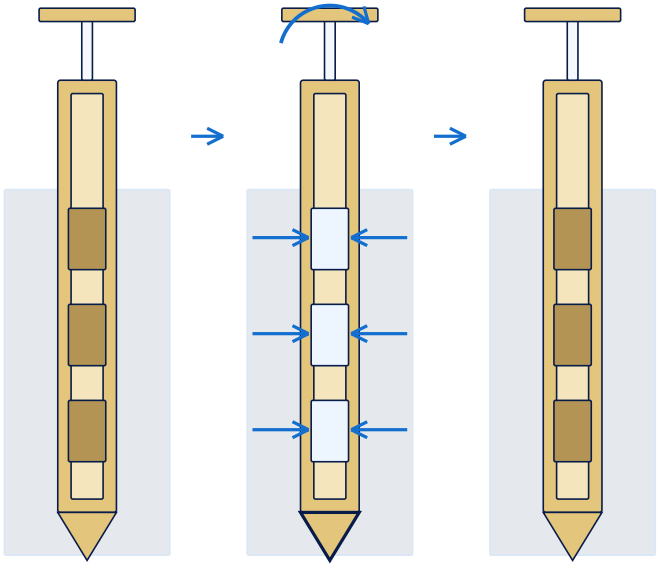


Sampling slot detail in the second product photograph

Controlled Sampling of Bulk Cement

Insert closed • Open the slots • Close and withdraw

LT-CE0049 • OPENING AND CLOSING THE SLOTS



CLOSED / OPEN / CLOSED

INNER TUBE ROTATION • CONTROLLED SAMPLE ENTRY

PRINCIPLE DRAWING • SLOT COUNT AND GEOMETRY NOT TO SCALE

Insert with Slots Closed

Close the openings. Insert the sampler to the location and depth defined by the sampling plan.

Open and Collect

Rotate the inner tube to open the inlets. Allow cement to enter through the slots.

Close and Withdraw

Close the inlets again and withdraw the sampler. Transfer to a clean, dry container and label.

The sampling plan defines the lot, sampling locations and sample quantity. Process portions from different bags or accessible bulk material locations according to the selected sample preparation procedure.

Model Selection

LT-CE0048 is the Ø38 × 580 mm model for packed cement. LT-CE0049 is the Ø35 × 1500 mm twin-tube model for bulk cement.

Body length determines reach. Plan sampling locations and the number of portions according to the selected lot and method.

Protect and Identify the Sample

Keep the sampler clean and dry before use. Remove residues from previous materials.

Protect collected material in a suitable container. Record the lot, date, sampling location and operator. Follow the selected procedure for combining, dividing and preparing the laboratory sample.

Model Options and Technical Data

Packed and bulk cement models • Dimensions, weight and operation

Product Code	Application / Dimensions	Weight
LT-CE0048	Packed cement; Ø38 × 580 mm	1.25 kg
LT-CE0049	Bulk cement; Ø35 × 1500 mm	2.47 kg

Parameter	Technical Information
Product Group	Cement samplers
Body Material	Brass
Operation	Manual
Bulk Model Construction	Two concentric tubes
Bulk Model Inlet Control	Slots opened and closed by inner tube rotation
Sampling Reference	EN 196-7
ASTM Reference	ASTM C183/C183M
AASHTO Reference	AASHTO T 127

Sampling Plan and Traceability

Define locations and sample quantity according to the method for representative sampling. Protect material in a clean container; record lot and sampling details.

From Stored Cement to Laboratory Sample

01
Select Model
Choose the model for packed or bulk cement.

02
Position
Insert the clean sampler at the planned location.

03
Collect
For bulk model, open, fill and close the slots.

04
Label
Transfer to container; record lot and location.

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