Rotary Sample Divider | 8×250 ml

LT-M0611 | Automatic division into eight representative subsamples

Magnetic vibratory feeding • Graduated bottles • Geared drive



8×250 ml

BOTTLE COUNT AND VOLUME

0-10 mm

FEED PARTICLE SIZE

8 L stainless steel hopper • 380 V, 50 Hz, 3 phase

Photographs and Components

Feed hopper, vibratory feeder, bottle arrangement and controls

The LT-M0611 automatically divides free-flowing powder and granular samples into eight representative subsamples. A magnetic vibratory feeder delivers material to the rotary dividing system in a regular stream.

FEED HOPPER

The 8 L stainless steel hopper holds the bulk sample before feeding.

BOTTLE COLLECTION

Eight graduated 250 ml bottles collect the subsamples separately.



VIBRATORY FEEDER

The magnetic vibratory arrangement provides controlled material transfer.

CONTROL PANEL

Operating controls and an emergency stop button are on the front panel.



Rotary dividing section and sample bottles

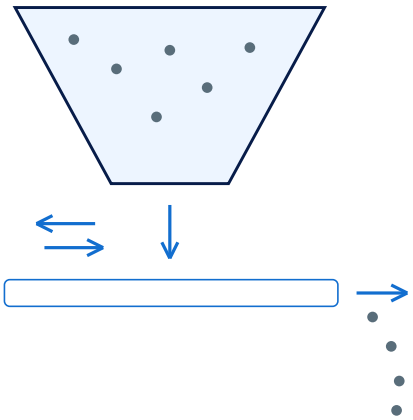


Feed hopper and vibratory feeder

Operating Principle and Bottle Options

Controlled feeding • Eight-way division • Three bottle volumes

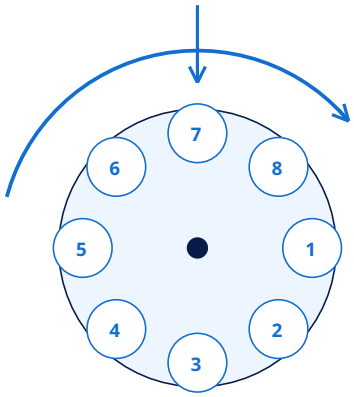
Controlled Feeding



MAGNETIC VIBRATORY FEEDING

The vibratory feeder progressively transfers material from the hopper to the dividing section in a regular stream.

Eight-way Rotary Division



8 SEPARATE SUBSAMPLES

The rotary system distributes successive portions of the material stream between eight separate collection bottles.

Suitable for minerals, ores, sand and other free-flowing powder or granular samples. Regular feeding supports representative subsample preparation.

Bottle Volume Options

LT-M0611

8×250 ml

LT-M0611/1

8×500 ml

LT-M0611/2

8×1000 ml

Division Accuracy with 250 ml Bottles

Approximately ±1% division accuracy is specified for the 8×250 ml bottle arrangement. Material flowability, moisture and particle-size distribution can influence actual division performance.

Technical Data and Sample Workflow

LT-M0611 series • Bottle options and shared technical specifications

Product Code	Bottle Count	Volume per Bottle
LT-M0611	8	250 ml
LT-M0611/1	8	500 ml
LT-M0611/2	8	1000 ml

Shared Technical Specifications

Technical Specification	Value
Feed Particle Size	0-10 mm
Feed Hopper Volume	8 L
Hopper Material	Stainless steel
Feeder	Magnetic vibratory
Dividing System	Automatic rotary sample division
Subsample Count	8
Drive System	Geared
Motor Power	0.5 HP
Motor Speed	1400 rpm
Power Supply	380 V, 50 Hz, 3 phase

Sample Preparation Workflow

01

Select Bottles

Choose the bottle volume for the required subsample quantity.

02

Load Sample

Place free-flowing material in the feed hopper.

03

Feed Regularly

Transfer material through the vibratory feeder.

04

Collect Bottles

Take the eight collected subsamples after division.

Product Page | liyatest.com.tr/en/urun/rotary-sample-divider-8x250-ml/