Rotating Sample Divider

LT-M0660 | Representative subsamples with an adjustable split ratio

Rotating dividing mechanism • Two separate fractions • Compact design



25 kg

SAMPLE CAPACITY

10%-50%

ADJUSTABLE SPLIT RATIO

220 V, 50 Hz, 1 phase • Suitable for use with a bench-top ring mill

Photographs and Components

Feed section, controls, housing and material transfer channel

The LT-M0660 separates a representative test sample from bulk mineral and ore samples at the required proportion. Its rotating mechanism directs material into two fractions: the test sample and the remainder.

FEED SECTION

The upper inlet allows the bulk sample to enter the dividing system.

CONTROL PANEL

Operating buttons, an indicator and an adjustment control are on the front.



TRANSFER CHANNEL

The photograph shows a material transfer path between two preparation units.

HOUSING AND ACCESS

The enclosed housing contains the sample dividing arrangement.



Upper feed inlet and housing

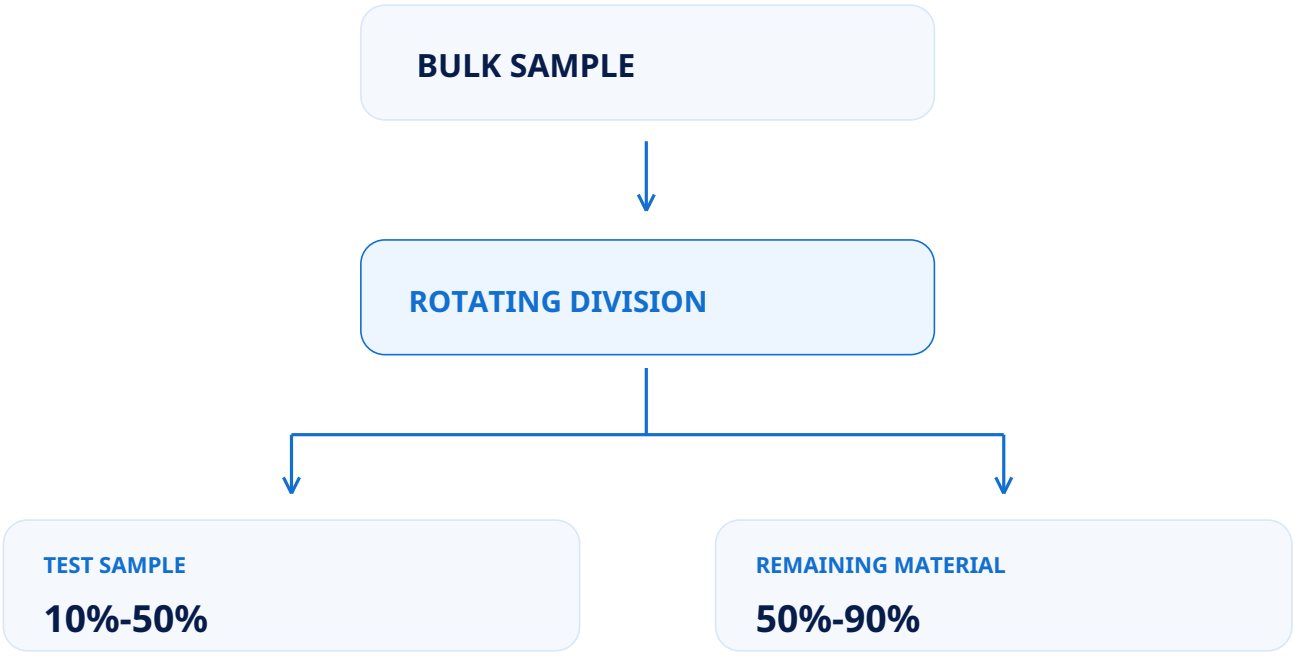


Front controls and access door

LT-M0660

Proportional Division into Two Fractions

Bulk sample • Selected test sample • Remaining material



The selected split ratio determines the share separated from the bulk sample for testing. Remaining material is collected as a separate fraction. If required, the chosen fraction can be divided again to reduce the sample quantity.

Split Ratio Examples

10%

Test sample: 10%

Remaining material: 90%

25%

Test sample: 25%

Remaining material: 75%

50%

Test sample: 50%

Remaining material: 50%

Representative Sample Preparation

Homogenising the bulk sample and maintaining controlled feeding support consistent division. Cleaning between different samples helps reduce material carryover.

Technical Data and Sample Workflow

LT-M0660 • Capacity, split ratio range and electrical supply

Technical Specification	Value
Product Code	LT-M0660
Sample Capacity	25 kg
Adjustable Split Ratio	10%-50%
Output Fractions	Test sample / remaining material
Dividing Mechanism	Rotating
Bearing Arrangement	Sealed bearings
Installation	Bench-top
External Dimensions	60 × 56 × 50 cm
Weight	85 kg
Power Supply	220 V, 50 Hz, 1 phase

Sample Preparation Before Grinding

Suitable for use with a bench-top ring mill. Proportional division separates the required test sample before the grinding or analysis stage.

Sample Preparation Workflow

01
Prepare Sample
Homogenise the bulk sample.

02
Select Ratio
Choose a ratio from 10% to 50% for the required sample quantity.

03
Feed Regularly
Transfer material steadily through the feed section.

04
Collect Fractions
Take the test sample and remaining material separately.

Product Page | liyatest.com.tr/en/urun/rotating-sample-divider-rsd/