Universal Sample Splitter

LT-A0095 | Mechanical sample reduction with adjustable chutes

12.5 mm adjustment steps • 20 L feed hopper • Two collection containers



12.5-100 mm

ADJUSTABLE CHUTE OPENING

20 L

FEED HOPPER

EN 932-2 • ASTM C702/C702M • Mechanical operation

Photographs and Components

Feed hopper, chute system, collection container and mechanical control

The LT-A0095 reduces bulk aggregate samples into representative test portions. Chute openings are adjusted to provide a suitable passage for different particle sizes. Material is directed into two separate collection containers.

FEED HOPPER

The 20 L hopper transfers the sample into the chute system.

ADJUSTABLE CHUTES

Openings adjust from 12.5 to 100 mm in 12.5 mm increments.



MECHANICAL CONTROL

The handle at the top forms part of the mechanical operating arrangement.

COLLECTION CONTAINER

Receives divided material. Two collection containers are supplied with the unit.



Feed hopper and chute arrangement



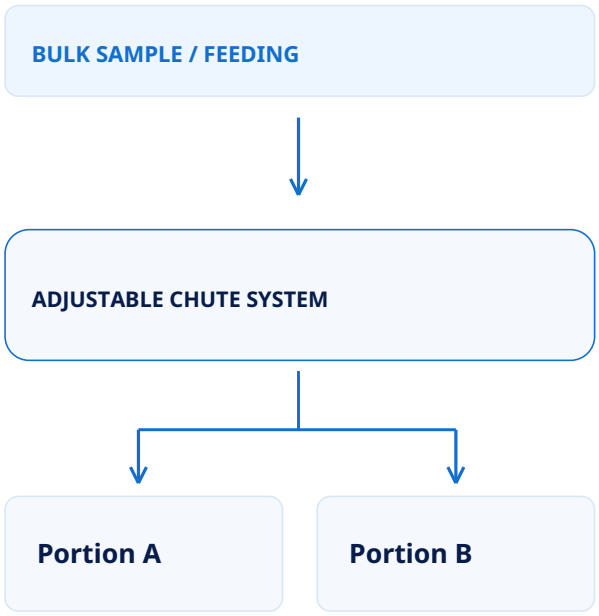
Removable sample collection container

LT-A0095

Chute Adjustment and Two-way Division

Sample-appropriate openings • Mechanical division • Separate collection

Sample Flow



Minimum Chute Opening

12.5 mm

Maximum Chute Opening

100 mm

Adjustment Step

12.5 mm

Material passes from the hopper through the chute system into two separate collection containers. A selected portion can be split again until the required test quantity is obtained. Regular feeding supports representative preparation.

Chute Opening Settings

12.5 mm	25 mm	37.5 mm	50 mm
62.5 mm	75 mm	87.5 mm	100 mm

Match Openings to the Sample

Set the chute openings to allow suitable passage for the material particle size.

Feed Regularly and Keep Clean

Transfer material steadily; clean the hopper, chutes and containers between samples.

Technical Data and Sample Workflow

LT-A0095 • Chute adjustment, hopper, containers and dimensions

Technical Specification	Value
Product Code	LT-A0095
Feed Hopper Capacity	20 L
Chute Opening Range	12.5-100 mm
Chute Adjustment Step	12.5 mm
Operating Principle	Mechanical sample division
Sample Collection	Two separate portions
Included Containers	2 sample collection containers
External Dimensions	74 × 48.5 × 99 cm
Weight	Approximately 50 kg
Electrical Connection	Not required

Sample Reduction Methods

Supports aggregate sample reduction procedures associated with EN 932-2 and ASTM C702/C702M. The aim is to prepare test portions that represent the characteristics of the original sample.

Sample Preparation Workflow

01
Adjust Chutes
Select openings to suit the sample particle size.

02
Position Containers
Place both collection containers in position.

03
Feed Sample
Transfer the sample steadily through the hopper.

04
Select Portion
Take the required test portion; split again if needed.

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