SP2 Model
Large Capacity Splitter

LT-A0096 | Adjustable sample division with 25 channels

12.5-100 mm chute openings • 20 L feed hopper • Mechanical operation



12.5-100 mm

ADJUSTABLE CHUTE OPENING

20 L

FEED HOPPER

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

LT-A0096

Photographs and Components

Feed hopper, chute system, collection container and mechanical control

The SP2 model prepares representative test portions from bulk aggregate samples. Its 25-channel system has adjustable chute openings from 12.5 to 100 mm. One sample collection pan is supplied with the unit.

FEED HOPPER

The 20 L hopper transfers the bulk sample to the channel system.

MECHANICAL CONTROL

The handle and mechanical linkages operate the feeding arrangement.



25-CHANNEL SYSTEM

Adjustable openings provide a suitable passage for different particle sizes.

COLLECTION PAN

One sample collection pan is supplied with the unit.



Feed hopper and chute arrangement



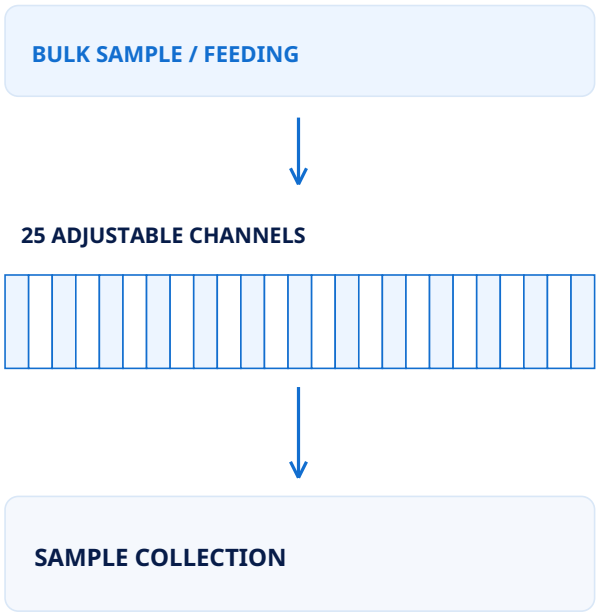
Removable sample collection container

LT-A0096

25-channel Sample Splitting System

Adjustable chutes • Controlled feeding • Representative test portions

Sample Flow



Minimum Chute Opening

12.5 mm

Maximum Chute Opening

100 mm

Number of Channels

25

The sample passes from the 20 L hopper through the channel system. Chute openings suited to the aggregate particle size support controlled passage. The selected portion can be split again until the required test quantity is obtained.

Adjustable Chute Opening

12.5 mm → **100 mm**

Choose the chute opening according to the particle size of the aggregate being processed.

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-A0096 • SP2 model, channel system, hopper and dimensions

Technical Specification	Value
Product Code	LT-A0096
Model	SP2
Feed Hopper Capacity	20 L
Number of Channels	25
Chute Opening Range	12.5-100 mm
Operating Principle	Mechanical sample division
Included Pan	1 sample collection pan
External Dimensions	55 × 55 × 70 cm
Weight	Approximately 40 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 Pan
Place the collection pan in position.

03
Feed Sample
Transfer the sample steadily through the hopper.

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

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