Rotary Sample Divider

LT-A0340 | Representative mineral and ore sample preparation

Electromagnetic vibratory feeder • Modular collection • Scissor lift



20-100 L

SAMPLE CAPACITY

Modular

BUCKET / BOTTLE COLLECTION

50 × 100 × 150 cm • 220 V, 50 Hz, 1 phase • Bulk sample reduction

Photographs and Components

Feed hopper, rotary collection section, upper cover and control panel

The LT-A0340 divides bulk samples into subsamples using vibratory feeding and rotary collection. An electromagnetic feeder regulates material flow, while bucket and bottle modules provide alternative collection arrangements.



FEED HOPPER

The bulk sample enters the feeding system through the upper hopper.

OPENING COVER

The cover provides access to the dividing and collection section.

ROTARY COLLECTION

The rotary section distributes fed material to the collection arrangement.

CONTROL PANEL

Power, speed, timer and emergency stop controls are grouped here.



Rotary collection section and internal components



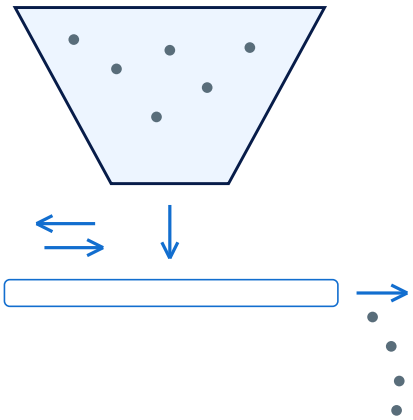
Speed, timer and operating controls

LT-A0340

Controlled Feeding and Rotary Division

Regular material flow • Representative subsamples • Modular collection

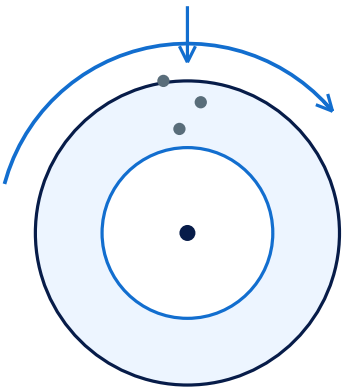
Vibratory Feeding



REGULAR MATERIAL FLOW

The electromagnetic vibratory feeder transfers the bulk sample to the dividing system in a regular stream.

Rotary Sample Distribution



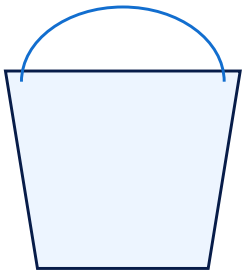
ROTARY COLLECTION MOVEMENT

Rotary collection allows different collection sections to receive portions of the material stream.

Controlled feeding limits sudden material surges. Feeding and rotary collection work together to support representative sample preparation.

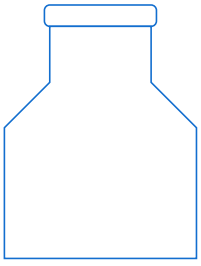
Sample Collection Modules

Bucket Module



Collects the sample in suitable bucket-type containers.

Bottle Module



Provides an alternative arrangement for bottle-based sample collection.

LT-A0340

Technical Data and Sample Workflow

LT-A0340 • 20-100 L capacity, modules and electrical supply

Technical Specification	Value
Product Code	LT-A0340
Sample Capacity	20-100 L
Sample Form	Powder / granular bulk materials
Feeder	Electromagnetic vibratory
Dividing System	Rotary sample division
Collection Modules	Bucket / bottle
Height Adjustment	Scissor lift system
External Dimensions	50 × 100 × 150 cm
Weight Range	150-300 kg
Power Supply	220 V, 50 Hz, 1 phase

Adjustable Working Height

The scissor lift system allows the working height to be adjusted. It simplifies positioning of the feeding and collection containers.

Sample Preparation Workflow

01
Select Setup
Choose a bucket or bottle module for the sample.

02
Adjust Height
Position the feeding and collection arrangement.

03
Feed Regularly
Transfer material through the vibratory feeder.

04
Collect Subsamples
Take subsamples from the containers for analysis.

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