Rotary Sample Divider | 120 Litre

LT-A9900 | Eight-way rotary division of powder and granular samples

Magnetic vibratory feeding • Adjustable table speed • Mobile chassis



0-50 mm

FEED PARTICLE SIZE

8×10 L

COLLECTION BUCKET ARRANGEMENT

304 stainless steel hopper and buckets • 0-60 rpm table speed

Photographs and Components

Rotary collection section, protective housing, feed hopper and panel

The LT-A9900 divides large powder and granular samples into eight separate subsamples. Magnetic vibratory feeding works together with the rotating table; feed quantity and table speed are adjusted continuously.

ROTARY COLLECTION

Eight collection buckets receive the fed sample in separate sections.

PROTECTIVE HOUSING

The mesh enclosure shown surrounds the rotating collection section.



FEED HOPPER

The 304 stainless steel hopper transfers material to the feeding arrangement.

CONTROL PANEL

Operating and adjustment controls serve the feeder and rotating table.



Collection buckets inside the protective housing



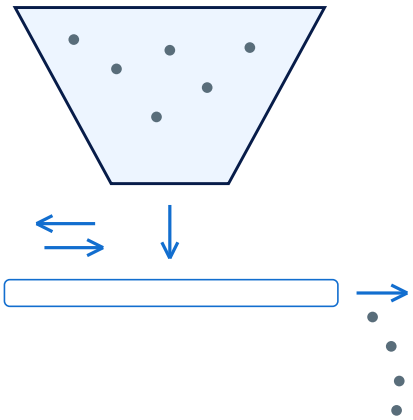
Feed hopper and operating panel

LT-A9900

Controlled Feeding and Eight-way Division

Regular flow • Variable table speed • Separate subsamples

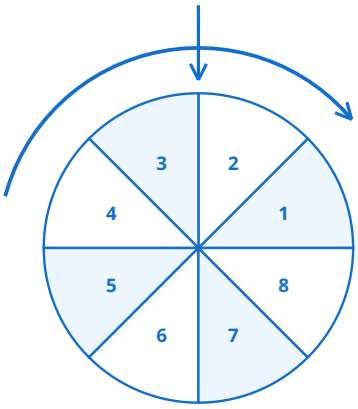
Vibratory Feeding



MAGNETIC VIBRATORY FEEDING

The magnetic feeder transfers material regularly. Feed quantity is adjusted continuously and feeder inclination from 0° to 10°.

Eight-way Rotary Collection



8 SEPARATE COLLECTION SECTIONS

The table distributes successive material portions between eight buckets. Table speed is adjustable from 0 to 60 rpm.

Feed flow and table speed are adjusted together according to sample particle characteristics and flow behaviour. Stable operating conditions support representative subsample preparation.

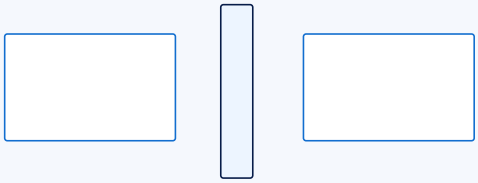
304 Stainless Steel Buckets

8×10 L

304

Each of the eight triangular-prism buckets has an approximate 10 L volume. Handles simplify removal and transport of the collection buckets.

Reduced Material Loss



Removable separators limit material escaping through gaps between adjacent buckets. Stainless steel material-contact surfaces simplify cleaning between samples.

LT-A9900

Technical Data and Sample Workflow

LT-A9900 • Collection arrangement, adjustment ranges and construction

Technical Specification	Value
Product Code	LT-A9900
Model Name	120 Litre
Feed Particle Size	0-50 mm
Number of Collection Buckets	8
Volume per Bucket	Approximately 10 L
Hopper Material	304 stainless steel
Bucket Material	304 stainless steel
Feeder	Magnetic vibratory
Feed Adjustment	Stepless
Feeder Inclination	0°-10°
Table Speed	0-60 rpm, stepless
Other Metal Surfaces	Electrostatic powder-coated
Mobility Arrangement	4 wheels and stabilising locks
Weight	Approximately 380 kg

Mobile and Stabilised Chassis

Four wheels allow the machine to be moved within the laboratory. Stabilising locks secure the chassis in position during operation.

Sample Preparation Workflow

01
Load Sample
Place powder or granular material in the feed hopper.

02
Adjust Feeding
Select feed quantity and inclination for the material.

03
Set Table Speed
Adjust table speed for regular material distribution.

04
Collect Buckets
Take the eight collected subsamples after division.

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