

# laborette 24



## Vibratory Feeder

- Uniform delivery of free flowing material to laboratory instruments
- Microprocessor-controlled

sample  
feeding      sample  
                 preparation  
for your lab

**FRITSCH**

# Vibratory Feeder

## Field of application

- Slow, metered feeding of flowable materials for a wide range of applications, like for example sample dividers, mills, mixer, balances
- Should be combined with the laborette 27 rotary cone sample divider and the pulverisette 14 variable speed rotor mill, in order to ensure a continuous and exactly proportioned feeding of the sample

## Method of operation

Vibration of a channel of high-grade stainless steel conveys flowable material from a funnel to the open end of the channel in a uniform stream.

The rate of flow can be controlled by a separate control unit which alters the vibration amplitude of the channel.

The control of vibrational amplitude is achieved by a microprocessor controlled unit which ensures that even the smallest quantities of material are uniformly conveyed.

## Advantages

- Suitable for coarse and fine materials
- Easy to clean - funnel can be pushed aside
- Extensive choice of flow rates for small or large quantities
- Choice of V-shaped feeder channel for narrow, directed sample feed, U-shaped feeder channel for uniform, broad material bed
- V- and U-channels easy to interchange
- Low energy consumption with drive power of only 0.1 kW
- Can be used in conjunction with almost all laboratory instruments
- Safety tested (CE mark)
- 2 year FRITSCH guarantee



continuous uniform quality  
sample feeding control  
**Vibratory Feeder**



laborette 27 with laborette 24



pulverisette 14 with laborette 24

## ***Design characteristics***

- Channel and funnel of polished high-grade stainless steel
- Small footprint
- Separate control unit
- Microprocessor-controlled electronics
- Feeder channel 215 mm
- Maintenance-free electromagnetic drive
- Recyclable, compact cast steel housing
- Maintenance-free components
- Modular construction

## ***Accessories***

- Stable support  
height adjustable, rotatable, stable



U-shaped and V-shaped  
feeder channel



# laborette 24

## Technical data

equipment	optionally V-channel 215 mm long for narrow, directed material feed, and U-channel 215 mm long for uniform, broad material bed.
electrical details	for 200-240 V/1~, 50-60 Hz, 20 watt for 100-120 V/1~, 50-60 Hz, 20 watt
weight	net: 12 kg, gross: 13 kg
dimensions w x d x h	44 x 14 x 34 cm
packing details	carton: 50 x 36 x 30 cm

## Ordering data

Order no.	Description
	<b>Vibratory Feeder laborette 24 with control unit, without stand</b>
	<b>with V-shaped channel and funnel</b>
24.0030.00	for 200-240 V/1~, 50-60 Hz
24.0040.00	for 100-120 V/1~, 50-60 Hz
	<b>with U-shaped channel and funnel</b>
24.0020.00	for 200-240 V/1~, 50-60 Hz
24.0010.00	for 100-120 V/1~, 50-60 Hz
	<b>Accessories</b>
24.9100.00	stand for feeder

