

# 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

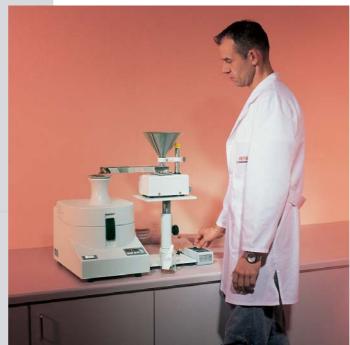
Vibration of a channel of high-grade stainless steel conveys flowable material from a funnel to the open end of the channel in a uniform stream.

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



U-shaped and V-shaped feeder channel

#### **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

www. feeding laborette 24 fritsch.de

## 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	
	Vibratory Feeder laborette 24 with control unit, without stand	
	with V-shaped channel and funnel	
24.0030.00	for 200-240 V/1~, 50-60 Hz	
24.0040.00	for 100-120 V/1~, 50-60 Hz	
	with U-shaped channel and funnel	
24.0020.00	for 200-240 V/1~, 50-60 Hz	
24.0010.00	for 100-120 V/1~, 50-60 Hz	
	Accessories	
24.9100.00	stand for feeder	

