

POWTEQ®



Rotary Sample Divider RSD200

◇ Vibratory Feeder VF200

Vibratory Feeder VF200 is designed to facilitate automatic sample feed for bulk particle or fine powder samples. It can be used in conjunction with the Sample Divider RSD200 and Ultra Centrifugal Mill FM200 produced by POWTEQ Company.



VF200

- The feed speed can be adjusted continuously
- Easy installation and operation
- Stable, uniform feeding
- Easy cleaning of push-fit feed chute
- Parameters are digital and can be preset

○ Working Principle

Samples fall to the vibrating chute via the feed hopper. By adjusting the vibration frequency, the speed of samples (namely sample feed speed) on the vibrating chute can be changed. Finally, the samples fall to the target device for next step processing.

○ Application

Engineering/electronics, agriculture, pharmaceuticals, chemical/synthetic materials, metallurgical, biological, food.



○ Technical data

Feed size	<12 mm	Rated power	60W
Speed setting	0-50	Power supply	220V , 50/60Hz
Time setting	01~99 min	Instrument size(W*D*H)	274*244*330mm
Width of the chute	75/40 mm	Package size(W*D*H)	670*420*360mm
Hopper volume	2.2 L	Net weight	13kg

◇ Rotary Sample Divider RSD200

The RSD200 can evenly divide one sample to 6, 8, 10 uniform small samples. Each small sample has the same physical and chemical properties, and can represent the attributes of the whole batch of samples. Currently, the divider is the most accurate sample dividing device on the market.

○ Applications

Engineering/electronics, building materials, agriculture, pharmaceuticals, chemical/synthetic materials, metallurgical, geological/environment/resources recycling, glass/ceramics, biological, food.



RSD200

○ Working principle

Samples enter a taper-shaped rotating pipe via the feed hopper of the vibratory feeder. The rotating pipe rotates at a constant speed; samples move to the channels under the effect of centrifugal force and are collected inside the containers outside the above channels. The samples in all containers have the same physical and chemical properties.

- Extremely high division accuracy
- The parameters are digital and can be preset
- Maintenance-free
- Easy collection and cleaning
- Wide range of the sample bottle volume
- 9 SOPs can be stored.

○ Technical data

Feed size	< 10mm	Rated power	15W
Speed	80-120rpm	Power supply	220V , 50/60Hz
Time setting	1-999min	Instrument size(W*D*H)	465*490*620mm
Number of divisions	6/8/10	Package size(W*D*H)	620x620x770mm
Volume	10/25/50/100/250/500ml	Net weight	30kg