



QAQC LAB

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Rotary Sample Divider

Catalog 2024



QUICK QUOTE

Standard Packing List • Overview • Principle • Applications

Standard Packing List

- Host
- Test tube
- Sample tube
- Brush
- Sample spoon
- Tool
- Power cable
- Fuse

Overview

RSD200 1 rotary sample divider is a sample quantity reduction device before physical or chemical analysis of dry powder in the laboratory. This equipment can automatically, quickly and effectively divide the samples into 1 up to 8 portions; each portion has the same representation of the original sample. It consists of control panel, vibration feeder, sample collector and sample cleaning device, etc.

Principle

Firstly install the tubes in the sample collector. Turn on the main power supply. Turn on the vibration feeder, adjust the amplitude knob. Meanwhile, turn on the sample collector, select the default speed of low, standard, or high. Adjust the required speed by further adjusting plus or minus key. Add proper amount of samples into the sample tank. The sample will automatically be divided into 1 up to 8 shares, and each sample divided has the same representative as the original samples. According to the needs of different users, the samples in tubes can also be poured into the tank for further dividing.

Applications

Sample reduction of all powder sample before physical or chemical analysis.

Specifications • Features

Specifications

- Maximum sample amount: 2,000 cm³
- Single tube capacity: 250 mL 110V 50 mL
- Maximum sample portion: 2,000 cm³
- Maximum particle size: 0-20 mm
- Voltage: 220V 50 Hz 110V 60 HZ
- Power: 100 W
- Net weight: 18.8 kg
- Speed: 50 rpm
- Size: W22cm x H37cm x D26cm
- Number of division: 2-8 as per request

Features

- Automatic sampling under the control of knob.
- Automatically adjust the amplitude of the vibrating feeder under the control of knob
- Accurately dividing samples by balancing the vibration amplitude
- Fast division of 2000 cm³ in 3 minutes
- 2-8 division flexible as per request