

Rotary Sample Divider

by PREISER SCIENTIFIC

Rotary Sample Divider



The Preiser Rotary Sample Divider (RSD) provides fast and accurate sub-division of coal, minerals, ash and other granular samples. The RSD can be customized for throughput rate, sample top size, and division ratio. It can be used for mixing samples prior to subdivision by processing sample several times through the RSD.

Features

- All contact parts such as hopper, vibrator feed tray, "U" covers, divider segments and overflow pans are constructed of stainless steel
- Can be used to produce 1 to 16 sample splits in various combinations. Select divider segments on basis of nominal top size, capacity, and sample division ratios.
- Hopper is 1.8 cubic feet (51 liters) with a 4" X 6" gate to allow accurate splits of samples up to 1 1/3" top size.
- Feed rate is adjustable to allow greatest level of sampling precision.
- Hopper feed section can be used alone to feed small jaw crushers and pulverizers.
- "U" covers act as sample stream cutters and prevent sample loss. Covers must equal the number of divider segments.
- Overflow pans are used when less than total sample division is required.
- Electrical requirement: 115VAC, 60Hz, 12.4amp or 230VAC, 50Hz, 6.2amp.
- Dimensions are 56"L x 33"W x 44"H. Net Weight is 235 lbs.

Supplied with

- Rotary Drive Section consisting of switch station, drive motor, gear box, and rotating spindle.
- Steel frames with casters for both hopper and rotary drive.
- Hopper with vibrating feeder and latching bar.

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COAL TESTING EQUIPMENT

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