



**VIBROTECHNIK**

Russian avant-garde equipment for milling

since  
**1992**



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**ROTARY SAMPLE  
DIVIDERS**



## ROTARY SAMPLE DIVIDERS

The **Rotary Sample Divider RSD** with **Vibratory feeder PG** is designed for uniform feed and reduction of bulk samples of rocks and ores to prepare them for analysis.

### ADVANTAGES:

- Sealed connection of **Vibratory feeder PG 1** to the divider via a flexible tube;
- Variable material feed rate;
- Smooth adjustment of degree of reduction;
- Discharge of sample residues into a receiving container on a cart.

**Rotary Sample Divider** with Crushers based on jaw crushers **JC 6M**, **JC 10M** and **JC 15** are designed for crushing and reduction of samples of rocks and ores to prepare them for analysis.

### ADVANTAGES:

- Simultaneous crushing and reduction of samples in a single process;
- Efficient operation by adjustment of grain-size composition of product and degree of reduction of sample within a wide range;
- Ability to carry out multiple crushing of samples to the required particle size with preservation or reduction of total weight of sample;
- Combined control panel;
- Stainless steel receiving tray with adjustable reduction;
- Latch between trays prevents sample from falling past trays.

| CHARACTERISTICS                                   | RSD with PG  | RSD based on JC 6M | RSD based on JC 10M | RSD based on JC 15 |
|---|--------------|--------------------|---------------------|--------------------|
| Loading door dimensions (mm)                      | 20x85        | 60x100             | 100x200             | 150x250            |
| Reduction   | 1/2 - 1/100  |                    |                     |                    |
| Discharge slot adjustment range (mm)              | -            | 2–20               | 3–25                | 1–25               |
| Maximum initial material grain size (mm)          | 5            | 50                 | 70                  | 110                |
| Electric motor power (kW)                         | 0.3          | 1.1/0.3            | 2.2/0.3             | 5.5/0.3            |
| 50 Hz supply voltage (V)                          | 220          | 380                |                     |                    |
| Overall dimensions (Length x Width x Height) (mm) | 870x725x1120 | 840x760x1275       | 860x760x1390        | 1110x760x1605      |
| Weight (kg)                                       | 180          | 315                | 455                 | 665                |

ROTARY SAMPLE DIVIDERS

APPLICATIONS

ferroalloys, ore, granite, marble, limestone, coal, slag, cement, glass, ceramics, medicines and pharmaceuticals



**Rotary Sample Divider with Crusher based on Jaw crusher JC 6M**



Tray for samples



**Rotary Sample Divider with Vibratory feeder PG 1**



Set of trays



Unloading box



**VIBROTECHNIK**

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