

## ROTARY SAMPLE DIVIDER

A perfect and comparable analysis is closely related to the correct sampling. Based on that, rotary sample divider is designed for sampling, dustless separation and reduction of large quantities of powder or granular bulk materials.

This machine is used in various area such as materials Portland cement clinker, chemicals, construction materials, fertilizers, fillers, flours, grains, metal powders, minerals, nut, sand, seeds, soil, dust washing etc. in areas of agriculture, biology, chemical, plastic, building materials, engineering, electronic, environment, recycling, food, geology, metallurgy, glass, ceramic.

The added material is divided equally into the buckets which rotating in a "circle" motion.

Sample buckets are made of 304 quality stainless steel and are made up of 8 divisions, each with 10 lt chambers or 12 divisions, each with 2,5 lt chambers in triangular prism shape. Depending on demand, production can be done in special dimensions.

The feeding chamber is made of 304 quality stainless steel, and the other parts are made of electrostatic powder paint on steel.



Sample buckets have handles to easy and safe carrying.

Feeding speed and quantity are adjustable steplessly with the help of magnetic vibration system.

Sample feeding system is vibratory.

Dividing speed of sample buckets can be adjusted between 0 and 60 rpm steplessly with electronic speed control panel and can be viewed via digital screen on the device during the test.

### Technical Specifications:

Product Code	HR-M8000	HR-M8100	HR-M8050	HR-M8150
Product Name	Rotary Sample Divider		Rotary Sample Divider with Lever	
Material Feed Size	0-50 mm	0-20 mm	0-50 mm	0-20 mm
Rotation Speed	0-60 rpm		0-60 rpm	
Capacity	80 lt	30 lt	80 lt	30 lt
Electrical Unit	220 V, 50-60 Hz, 1 ph		220 V, 50-60 Hz, 1 ph	
Dimensions (cm)	110x170x185	74x125x120	160x170x200	125x125x135
Weight (kg)	380	140	540	300

The sample buckets can be rotated with the rotation adjusted drive motor.

The sample buckets are attached to each other with removable, made of steel suitable material with edge of the buckets to avoid the material coming from the feeder during the sample flow to the gap between sample buckets.

Sample feeding Speed can be adjusted steplessly by vibration coil and electronic system.

Rotary table control and vibration control panel is easy to use.

Rotary Sample Divider can be manufactured with wheels as optional and Wheeled models have a stabiliser safety system on the wheel.

Rotary Sample Divider can be manufactured with Lever for Feeder part and with Electromagnetic Feeder as optional.

## SMALL ROTARY SAMPLE DIVIDER

Small Rotary Sample Divider has 8 pieces 250ml graduated bottles.

The Divider can divide 0-6 mm grain size material to 8 pieces equivalent samples up to 4 lt automatically.

Can be prepared samples which equiponderate with  $\pm 1\%$  sensitivity on the 250 ml graduated bottles.

Small Rotary Sample Divider is equipped with 5 lt stainless steel feeding chamber and magnetic vibrating feeder.

### Technical Specifications:

Product Code	Product Name	Power Supply
HR-M8250	Small Rotary Sample Divider	380 V, 50-60 Hz, 3 ph

### Spare Parts & Accessories:

Product Code	Product Name	Capacity (ml)
HR-M8250/1	Graduated bottles	250

## ROTATING SAMPLE DIVIDER

Rotating Sample Divider can divide 25 kg of sample at one time.

The division rate of the divider from 2% to 50% can be adjusted.

The fed sample is collected in two separate containers as the desired sample and the remaining sample after the division process.

Sample division amount is 25 kg/minute.

The maximum feed grain size of the sample is 10 mm.

The sample feeding speed can be adjusted with the vibrating feeder control system.

### Technical Specifications:

Product Code	Product Name	Power Supply
HR-M8300	Rotating Sample Divider	380 V, 50-60 Hz, 3 ph

