

RGS-OD-5A

Final concentrate
retreatment

-50+10 mm

New
product*

Application

Enrichment of industrial minerals including:

- gold and silver containing ore;
- Apatite-carbonate ore;
- Tungsten ore;
- Copper/zinc ore;
- Metallurgical production slag;
- And other industrial and semi-industrial minerals.



Automated Control Rack

Sorting Machine

XRT sorter RGS-OD-5A is designed to recovery valuable minerals from waste materials in the range of -50+10 using x-ray transmission technology.

Main specification

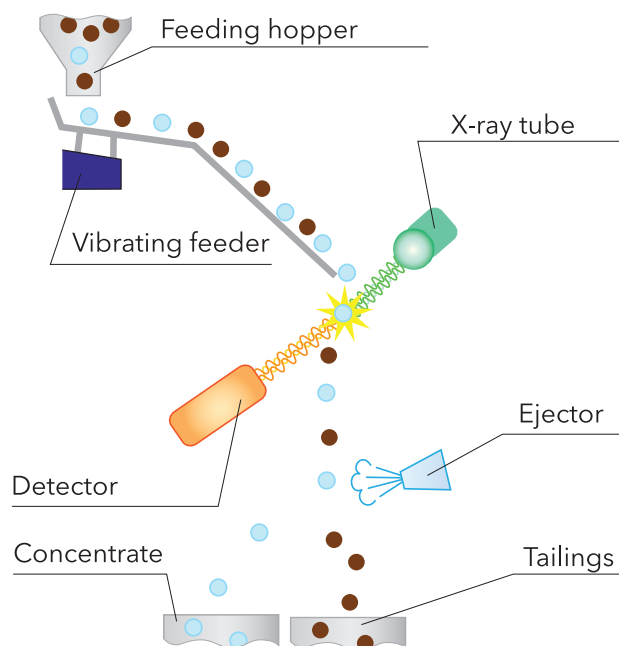
Size fraction, mm	-50+30	-30+20	-20+15	-15+10
Throughput, kg/h	2500	2000	500	300
Yield per 10 ejections, grain	15	16	18	20
Type of material	dry or wet			

Material feeding and detection system

Material feed	Gravitation feeder
Flow	2
X-ray tube	1
Detector	1

Sorter's supply

Power consumption, kVA (single phase, 220V/50Hz)	6
Technical water consumption, not more than, l/min	30
Cooling water consumption, not less than, l/min	6
Consumption of compressed air	per 1 ejection, l
nominal productivity, l/min	50



	Dimensions, mm	Weight, kg
Sorting machine	2000x930x2135	1100
Automatic control rack	881x603x1952	200

* Preliminary information

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