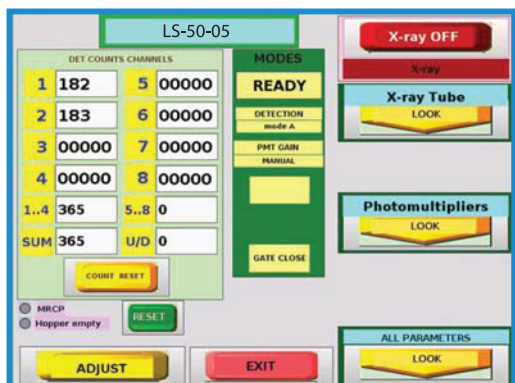


LS-50-05

Concentrate
retreatment

-50+5 mm

Legacy
product



Automated Control Rack

Sorting Machine

X-ray luminescence sorter LS-50-05 is a diamond recovery machine designed for treatment of WET material with size range -50+5 mm.

Main specification

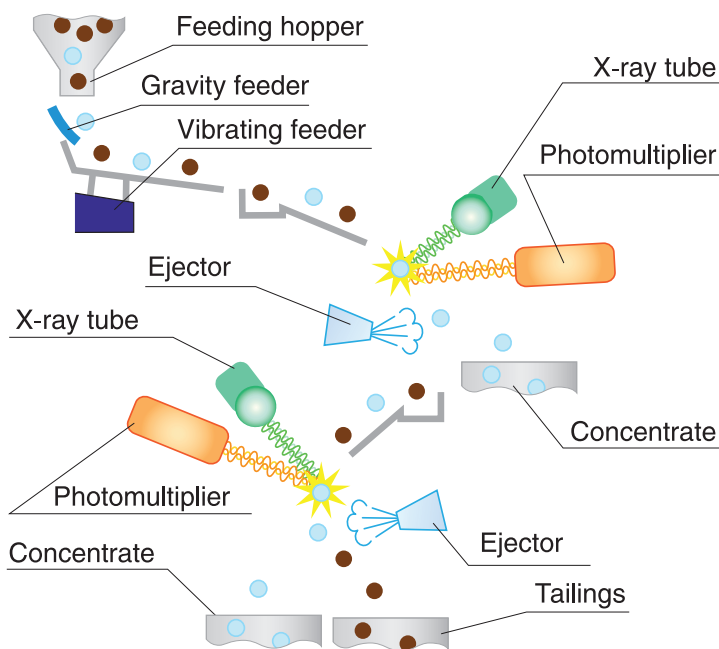
Size fraction, mm	-50+20	-20+10	-10+5
Throughput, t/h	30	20	9
Yield per one ejection, kg	0.7	0.3	0.1
Recovery rate, %	98		
Type of material	wet		

Material feeding and detection system

Material feed	Gravitation/Vibrating feeder
Flow	1, 2, 4
X-ray tube	2
Photomultiplier	8

Sorter's supply

Power consumption, kVA (single phase, 220V/50Hz)		6
Technical water consumption, not more than, l/min		20
Cooling water consumption, not less than, l/min		6
Consumption of compressed air	per 1 ejection, l	0.92
	nominal productivity, l/min	50



	Dimensions, mm	Weight, kg
Sorting machine	2550x800x2585	1800
Automatic control rack	881x603x1952	200

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