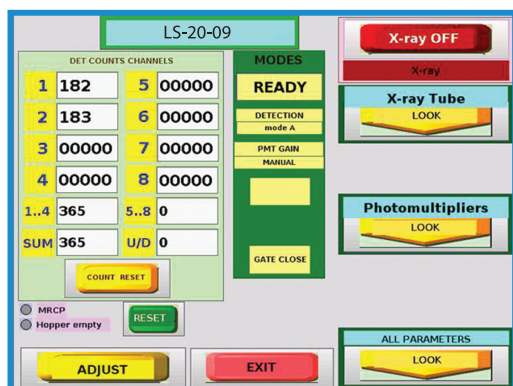


LS-20-09

Primary treatment

-50+5 mm

Legacy product



X-ray luminescence sorter LS-20-09 is a diamond recovery machine designed for the treatment of WET material with the size range -50+5 mm.

Main specification

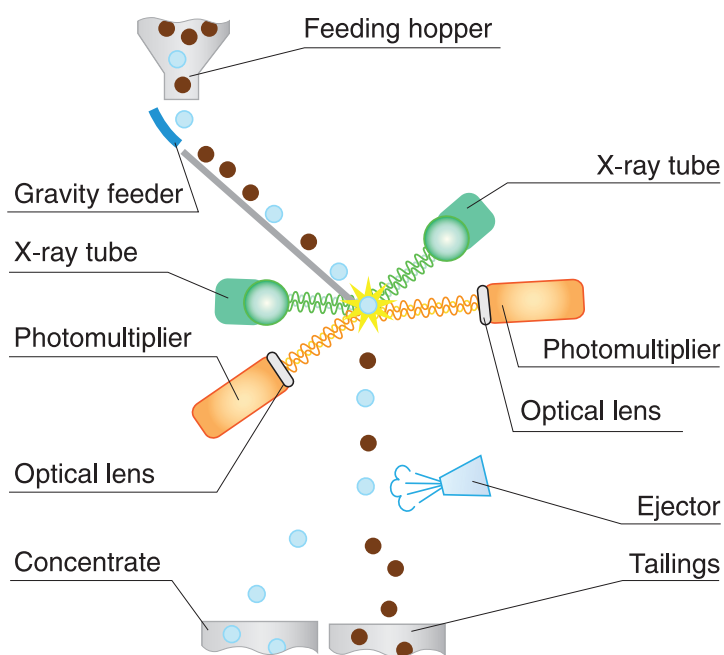
Size fraction, mm	-50+20	-20+10	-10+5
Throughput, t/h	100	60	30
Yield per one ejection, kg	1	0.65	0.4
Recovery rate, %	98.5		
Type of material	wet		

Material feeding and detection system

Material feed	Gravitation feeder
Flow	1
X-ray tube	2
Photomultiplier	8

Sorter's supply

Power consumption, kVA (single phase, 220V/50Hz)		6
Technical water consumption, not less than, l/min		30
Cooling water consumption, not less than, l/min		12
Consumption of compressed air	per 1 ejection, l	1.15
	nominal productivity, l/min	30



	Dimensions, mm	Weight, kg
Sorting machine	2300x845x2300	1100
Automatic control rack	881x603x1952	200

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