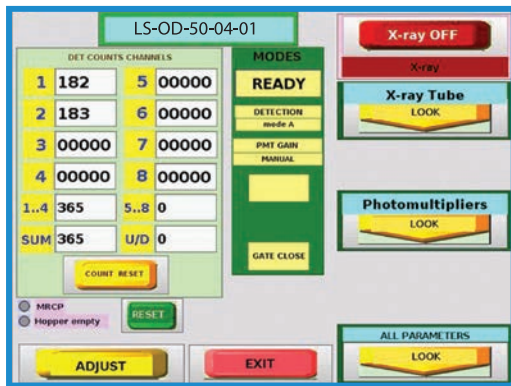


LS-OD-50-04-01

Final concentrate
retreatment

-50+5 mm

New product



X-ray luminescence sorter LS-OD-50-04-01 is a diamond recovery machine designed for treatment of WET material with size range -50+5 mm.

Main specification

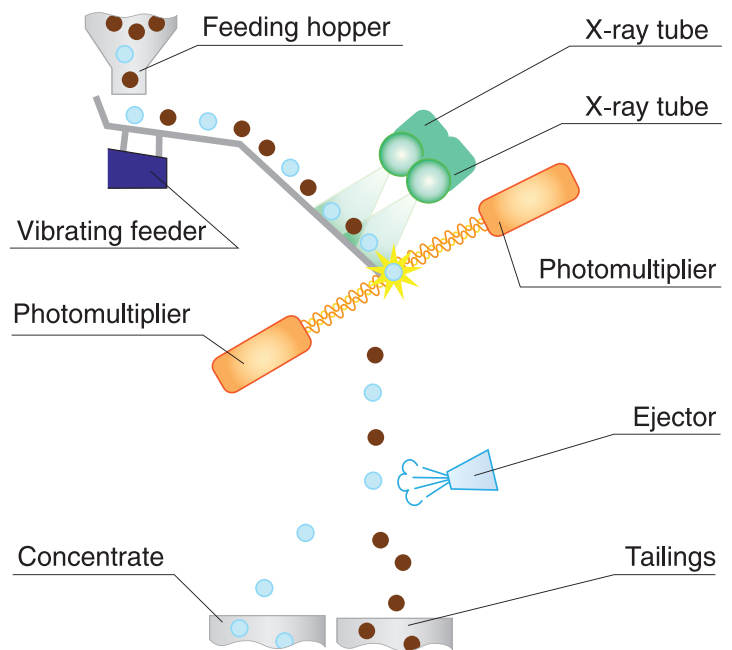
Recommended size fraction, mm	-50+20	-20+10	-10+5
Estimated throughput, kg/h	2500	500	125
Yield per 10 ejections, grain	15	18	22
Recovery rate, %	98.5	98.5	98
Type of material	wet		

Material feeding and detection system

Material feed	Vibrating feeder
Flow	2
X-ray tube	1
Photomultiplier	2

Sorter's supply

Power consumption, kVA (single phase, 220V/50Hz)	4
Technical water consumption, not more than, l/min	30
Cooling water consumption, not less than, l/min	6
Consumption of compressed air	0.46
per 1 ejection, l	
nominal productivity, l/min	50



	Dimensions, mm	Weight, kg
Sorting machine	1830x850x1800	1100
Automatic control rack	730x552x1690	230

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