

# LS-D-4-04N

Concentrate  
retreatment

-6+1 mm

Legacy  
product



Automatic Control Rack

Sorting Machine

X-ray luminescence sorter LS-D-4-04N is a diamond recovery machine designed for treatment of DRY material with size range -6+1 mm.

### Main specification

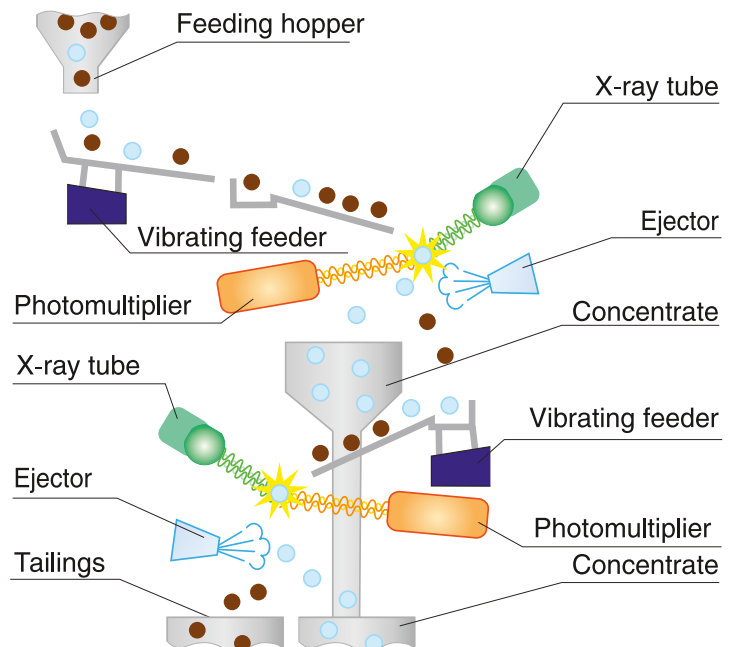
Size fraction, mm	-6+3	-3+1
Throughput, kg/h	600	300
Yield per one ejection, g	2	1
Recovery rate, %	98	
Type of material	dry	

### Material feeding and detection system

Material feed	Vibrating feeder
Flow	4
X-ray tube	2
Photomultiplier	8

### Sorter's supply

Power consumption, kVA (single phase, 220V/50Hz)	5
Technical water consumption, not more than, l/min	-
Cooling water consumption, not less than, l/min	6
Consumption of compressed air per 1 ejection, l	0.16
nominal productivity, l/min	15



	Dimensions, mm	Weight, kg
Sorting machine	1000x670x1970	600
Automatic control rack	881x603x1952	200

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