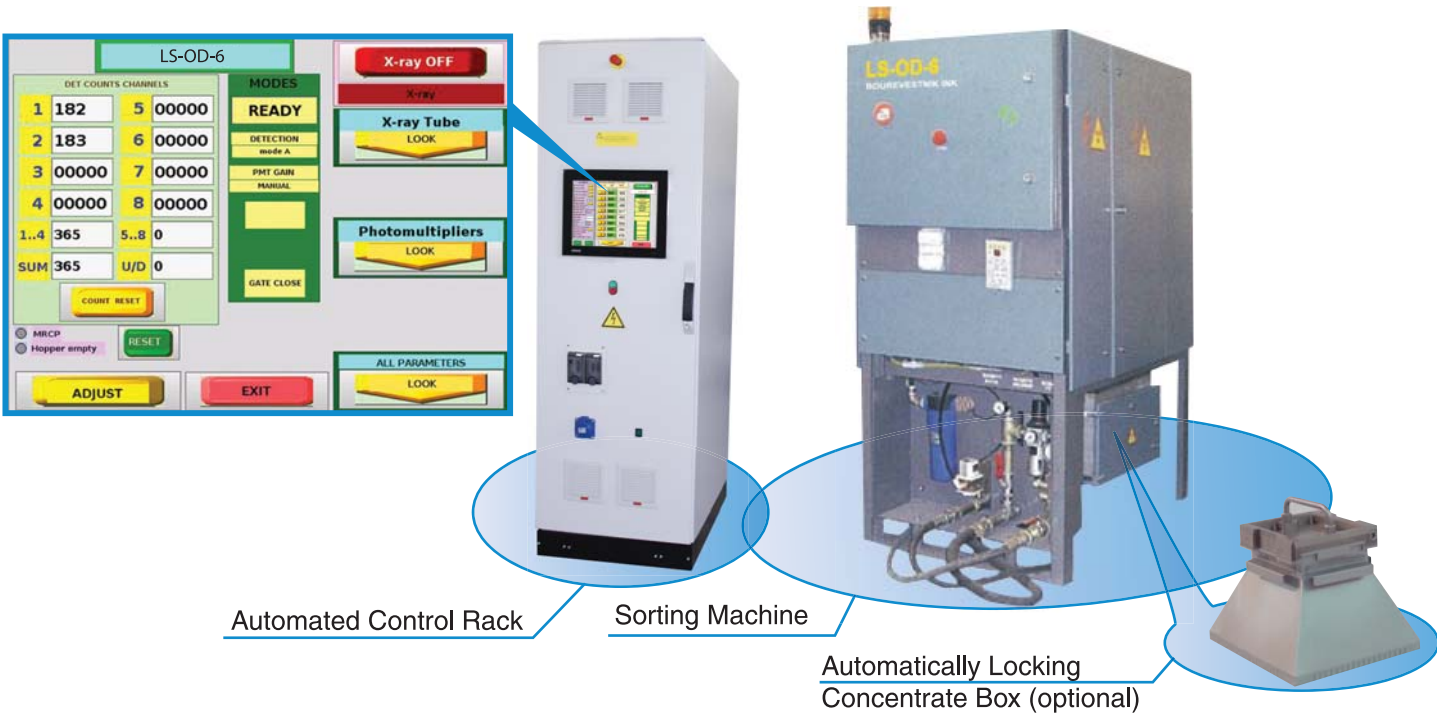


LS-OD-6

Final concentrate
retreatment

-6+0.5 mm

Legacy
product

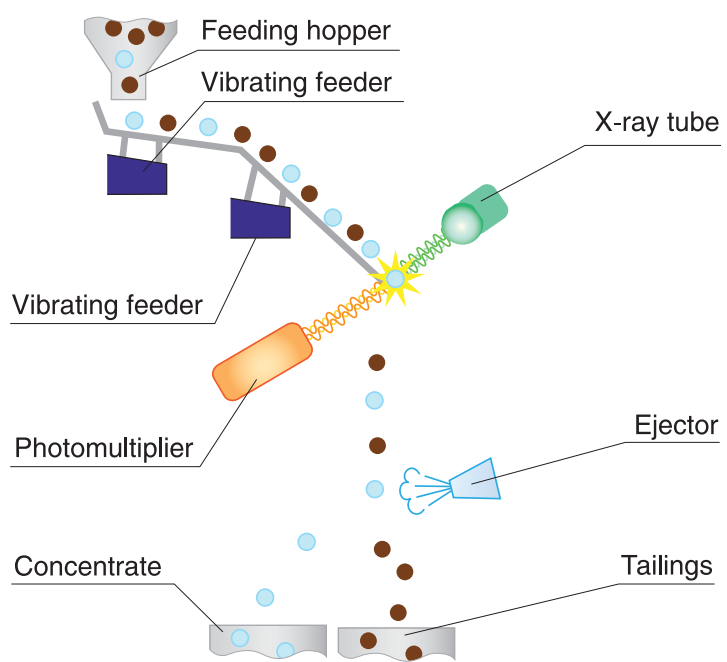


X-ray luminescence sorter LS-OD-6 is a diamond recovery machine designed for treatment of DRY material with size range -6+0.5 mm.

Main specification			
Size fraction, mm	-6+3	-3+1	-1+0.5
Throughput, kg/h	50	12.5	2
Yield per 10 ejections, grain	30	45	45
Recovery rate, %	98	96	90
Type of material	dry		

Material feeding and detection system	
Material feed	Vibrating feeder
Flow	4
X-ray tube	1
Photomultiplier	4

Sorter's supply	
Power consumption, kVA (single phase, 220V/50Hz)	3
Technical water consumption, not more than, l/min	-
Cooling water consumption, not less than, l/min	3
Consumption of compressed air	per 1 ejection, l nominal productivity, l/min
	0.12 120



	Dimensions, mm	Weight, kg
Sorting machine	1200x800x1700	900
Automatic control rack	765x555x1745	230

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