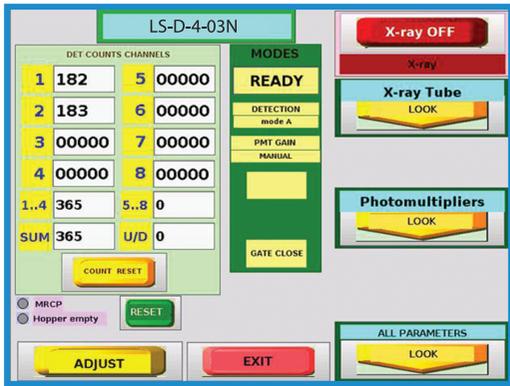


LS-D-4-03N Concentrate retreatment -6+1 mm Legacy product



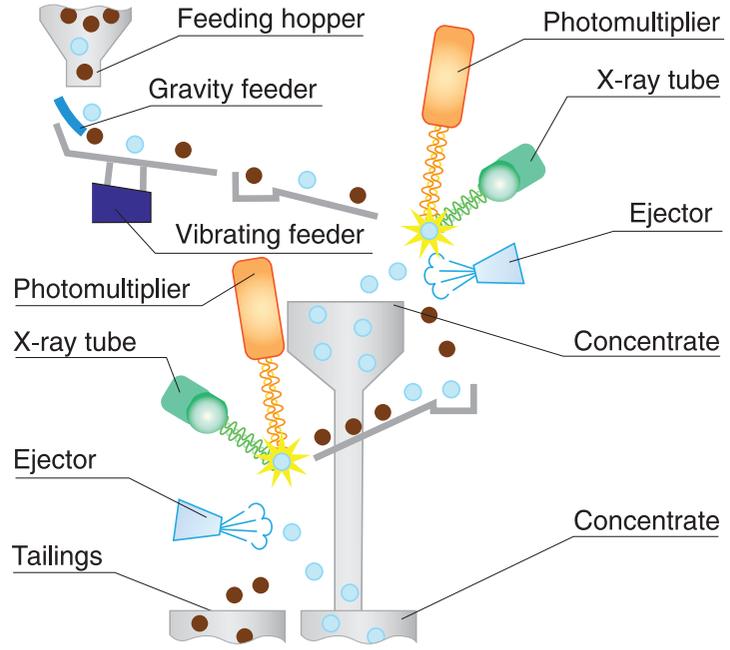
Automated Control Rack Sorting Machine

X-ray luminescence sorter LS-D-4-03N is a diamond recovery machine designed for treatment of WET material with size range -6+1 mm.

Main specification		
Size fraction, mm	-6+3	-3+1
Throughput, kg/h	5000	1300
Yield per one ejection, g	40	13
Recovery rate, %	98	95
Type of material	wet	

Material feeding and detection system	
Material feed	Gravitation /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 less than, /min	40
Cooling water consumption, not less than, l/min	12
Consumption of compressed air	50
per 1 ejection, l	0.7
nominal productivity, l/min	50



	Dimensions, mm	Weight, kg
Sorting machine	2060x880x2805	1450
Automatic control rack	881x603x1952	200

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