

POLUS-M

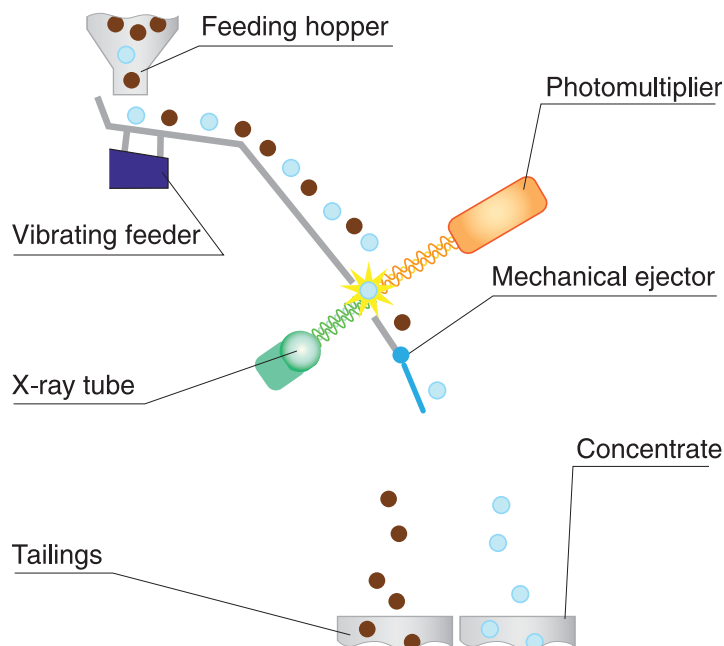
Portable sorter

-8+0.5 mm

Legacy product



POLUS-M is specially designed portable sorter for geological exploration of diamond deposits and also enrichment of dry diamond bearing concentrates in field conditions.



The sorter consists of the sorting machine and the control unit.

The registration unit and the X-ray source are placed on opposite sides of the material flow.

Access to the transport channel is through the removable doors. It allows operation in field conditions. Neither water nor compressed air are required.

Technical specifications

Size fraction, mm	- 8 + 5	- 5 + 2	- 2 + 1	-1+0,5
Throughput, kg/h	100	50	30	15
Yield per one ejection, not more than, g	2.2	1.7	1	0.5
Recovery rate, not less than %				98
	Sorting machine		Control unit	
Overall dimensions (LxWxH), mm	635x300x590		490x440x290	
Net weight, kg (without packaging)	36.5		15	
Power consumption, VA (single phase, 220 V/50 Hz)	300			
Operating temperature range, C°	+5..+45 with the relative humidity up to 80%			

Specially designed construction of the sorter totally protects against the X-ray. Each unit is being tested for safety.

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