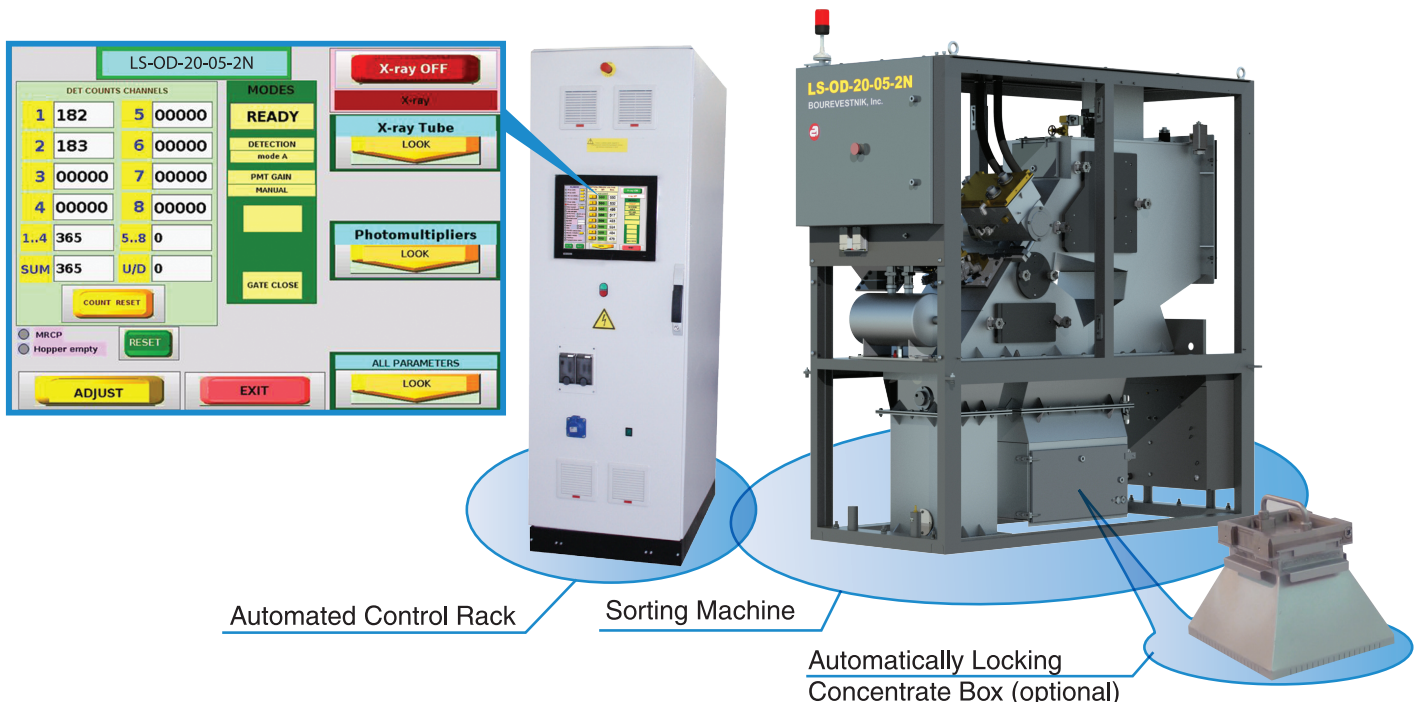


**LS-OD-20-05-2N** Final concentrate retreatment **-50+5 mm** New product

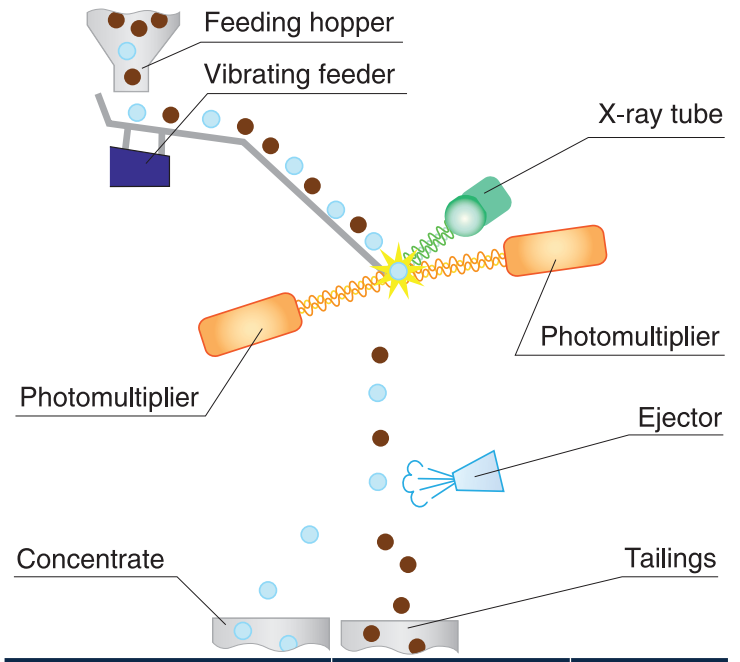


X-ray luminescence sorter LS-OD-20-05-2N is a diamond recovery machine designed for treatment of WET material with size range -50+5 mm.

| Main specification            |        |        |       |
|-------------------------------|--------|--------|-------|
| Size fraction, mm             | -50+20 | -20+10 | -10+5 |
| Throughput, kg/h              | 2500   | 500    | 125   |
| Yield per 10 ejections, grain | 15     | 18     | 22    |
| Recovery rate, %              | 99     |        |       |
| Type of material              | wet    |        |       |

| Material feeding and detection system |                  |
|---------------------------------------|------------------|
| Material feed                         | Vibrating feeder |
| Flow                                  | 2                |
| X-ray tube                            | 1                |
| Photomultiplier                       | 4                |

| 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                     | per 1 ejection, l           |
|   | nominal productivity, l/min |
|   | 0.46                        |
|   | 50                          |



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

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