

CDUV 118 OSPREY

ULTRA VIOLET DIAMOND SCAVENGING SORTER

APPLICATION

Free fall UV diamond scavenging sorter, single pass, single input. Final processing of tailings from re-concentration processes like X-ray recon, sort house glove boxes, SPS, etc.

Material size range (-16mm + 1mm) split at appropriate ratio and feedrates.

Material feed application dry. Feasible grease replacement technology..



FEATURES AND SPECIFICATIONS

- ◊ Robust air ejector system
- ◊ Modular, compact robust and ergonomic design
- ◊ Split cabinet design – separate process and service compartment for enhanced security
- ◊ Single network interface for control and information
- ◊ Full maintenance support
- ◊ User friendly menu driven OTI and HMI
- ◊ Tracer catch trays for tracer tests
- ◊ Multiple machine control with wireless tablet

LoVol	
Size range (mm)	Feedrate (kg/hr)
-4 + 1	90
-8 + 4	180
-16 + 8	360

BENEFITS

- ◊ Optimum diamond scavenging with minimum gangue material at high feedrates and relative low yields
- ◊ Possible applications in other UV fluorescent minerals, e.g. rubies
- ◊ Spillage free
- ◊ Operator and maintenance friendly
- ◊ Complete operator safety
- ◊ Low operating costs
- ◊ Low Capex
- ◊ Complimentary technology to X-ray sorting

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