

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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