

BDT1122 — XRT RE-CONCENTRATION SORTER

APPLICATION

Re-concentration sorting of diamondiferous material using X-ray transmission technology. Material size range (-32mm + 2mm). Dry material feed application.

FEATURES AND SPECIFICATIONS

- ♦ Dual Energy XRT detector
- ♦ Robust air ejector system
- ♦ Full maintenance support
- ♦ User friendly menu driven control interface
- ♦ Tracer catch trays for tracer tests
- ♦ Provides online carat estimates and stone count values
- ♦ All diamond types are recovered, low luminescent, type II, yellow, bort, etc.
- ♦ Built-in diamond security design



RE-CONCENTRATION	
Size range (mm)	Maximum feedrate
-4+2:	*25 kg/h
-8+4:	50 kg/h
-16+8:	100 kg/h
-32+16:	150 kg/h
* Throughput to be determined by test work	

BENEFITS

- ♦ Maximum diamond recovery with minimum gangue material at high feedrates
- ♦ Spillage free
- ♦ Calibration and self-testing
- ♦ Operator and maintenance friendly
- ♦ Complete operator safety due to improved features
- ♦ Low operating costs
- ♦ Detector life extension protection

CONTACT US

T +27 11 247 3733
E UPSTREAMSALES@DEBEERSGROUP.COM

JOHANNESBURG, WEST CAMPUS | RECOVERY FACILITY
 Cnr Crownwood & Booyens Reserve Roads, Theta, Johannesburg, 2013

CAPE TOWN, GOLF PARK | HEAD OFFICE
 DBM Gardens, Golf Park 2, Raapenberg Road, Pinelands, 7405