

# DE BEERS GROUP

## TECHNOLOGY

### CDX2216 CD and CWX2216 CD Dual Wavelength X-Ray Sorter

#### APPLICATION

Free fall, X-Ray sorter, two passes, single input, primary and secondary bulk recovery in one unit. Material size range (-32mm + 1mm) split at appropriate ratio and feedrates. Wet or dry material feed applications.

#### FEATURES AND SPECIFICATIONS

- Eight channel photo multiplier detection system per pass (single or dual wavelength options available)
- Automated inlet chute gate
- Automated detector window indexing mechanism (Dry only)
- Eight channel robust air ejector system per pass
- Compact, robust, ergonomic design
- Compartmentalised cabinet design - heat exchanger cooled HT generator, electrical, maintenance and process compartments
- External tracer catch trays for tracer tests
- Process/security camera above each feed tray
- Simplified wiring and maintenance using ASI technology
- Fully integrated control system
- Network interface for control, information and remote access/diagnostics
- User friendly menu driven OTI
- Full maintenance support



#### Maximum Throughput Capacity

Size range (mm)	Feedrate (kg/hr)
-2 + 1	825
-4 + 2	1275
-8 + 4	2100
-16 + 8	3450
-32 + 16	4500
Channel (Total)	16
Material size range	-32mm to + 1mm

#### BENEFITS

- Compact two pass unit
- Maximum diamond recovery with minimum gangue material at high feedrates
- Spillage free. Low yields
- Self-testing and on-line calibration
- Operator and maintenance friendly
- Advanced safety features
- Low operating costs
- Remote access



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