

# CDXI 18CD and CWXI 18CD

## Single or Dual Wavelength X-ray Sorters

### Application

Free fall, X-ray sorter; single pass, single input, Primary and Secondary bulk recovery; Re-concentration; Material size range (-32mm + 1mm) split at appropriate ratio and feedrates. Material feed application wet or dry.

### Features and Specifications

- ◇ Eight channel photo multiplier detection system (single or dual wavelength options available)
- ◇ Manual or automated inlet chute gate options available
- ◇ Robust air ejector system
- ◇ Modular, compact, robust, ergonomic design (left and right hand variants available)
- ◇ Split cabinet design – heat exchanger cooled X-ray generator and power supply compartment
- ◇ Separate control and service panel configuration
- ◇ Single network interface for control and information
- ◇ Full maintenance support
- ◇ User friendly menu driven OTI and HMI
- ◇ Tracer catch trays for tracer tests



Maximum Throughput Capacity: CDXI 18CD and CWXI 18CD	
Size range (mm)	Feedrate (kg/h)
-2 +1	825
-4 +2	1275
-8 +4	2100
-16 +8	3450
-32 +16	4500
Channel	8
Material size range	-32mm to +1mm
Wet or Dry process	

### Benefits

- ◇ Maximum diamond recovery with minimum gangue material at high feedrates
- ◇ Spillage free; low yields
- ◇ Self-testing and on-line calibration
- ◇ Operator and maintenance friendly
- ◇ Complete operator safety due to improved features
- ◇ Low operating costs

Compact sorting modules can be configured for higher throughput and / or double pass as required.

