

DXL-C8BD (600AG/800AG Serial)

This Equipment cooperates with special fixtures to complete the orientation of large-sized crystal balls/crystal ingots before processing. Common include:

- (1) Orient the crystal ingot before digging out.
(commonly found in sapphire crystal ingots)
- (2) Orientation before square root.
(commonly found in sapphire crystal ingots)
- (3) Orient before digging out the seed crystal.
(commonly found in silicon single crystal ingots)

Equipment Performance

- Supports multi-angle orientation.(θ : 0~50°)
- Automatic positioning of X-ray focus height.
- The equipment is equipped with a rotating worktable, which allows the crystal under test to rotate and orient 360°.
- Calibration-free, no need for daily equipment calibration.
- Selective touch screen operation simplifies input conditions and reduces misoperation rates.
- The crystal after end face grinding can also be re-inspected.



Item	Specifications (8BD600AG)	Specifications (8BD800AG)
Crystal Specifications	Crystal Balls/ ingots up to 200kg	Crystal Balls/ ingots up to 450kg
Measuring space (with fixtures and crystals)	MAX: 600 (Inches) X500 (High) mm	最大: 800 (Inches) X750 (High) mm
Measurement angle	0~50°	0~50°
Accuracy	±30"	±30"