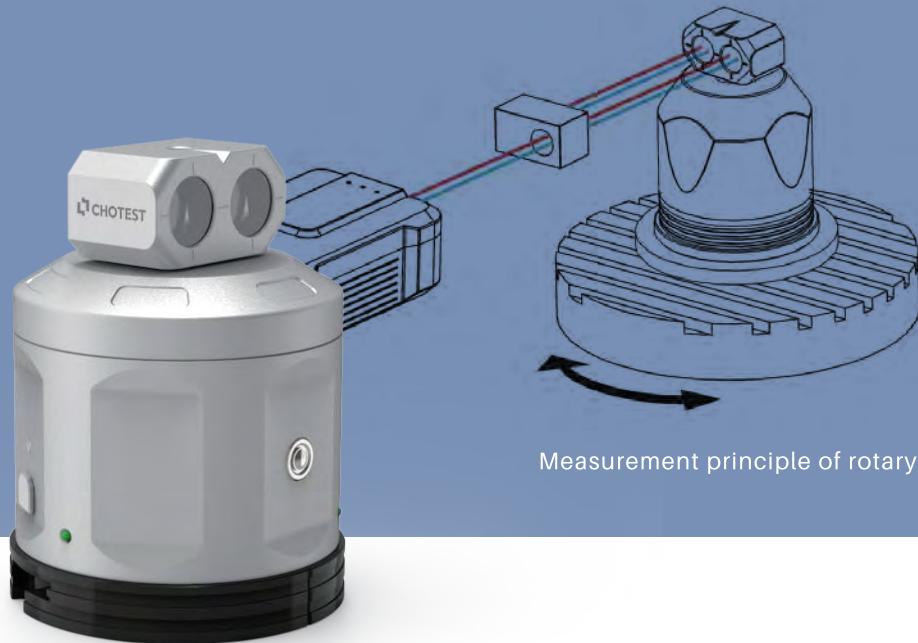


WR 50 Rotary Axis Calibrator



Measurement principle of rotary axis

Measurement Principle

Equipped with Rotary axis calibrator WR50 and Angle prism, Laser interferometer SJ6000 is capable to calibrate rotary axis 0~360°. Rotary axis calibrator WR50 is intalled to the rotary axis as an angle master.

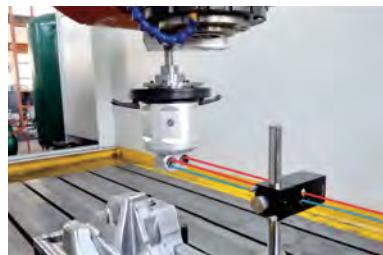
Parameters

Model No.	WR50	Weight	1.9kg
Measuring range	(0~360)°	Height	148mm
Measuring range	±1"	Diameter	112mm
Resolution	0.1"	Communication type	Bluetooth
Max axis rotation speed	10rpm	Power supply	Li-battery
Max tracking speed	2rpm		

Application



Rotary axis measurement of CNC



Electric spindle measurement of CNC



Swing axis measurement of CNC



Angle measurement of CNC index plate

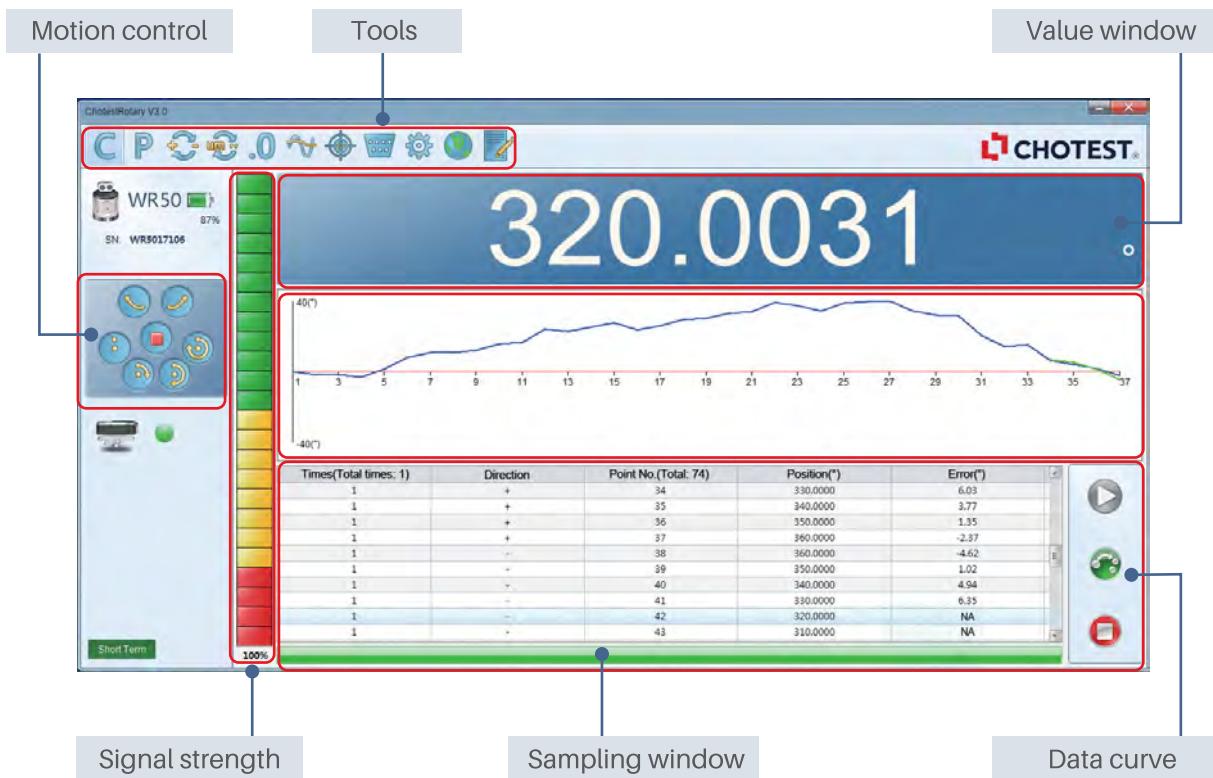


Angle measurement of turntable



Angle measurement of CNC turntable

Software



Rotary Axis Calibrator

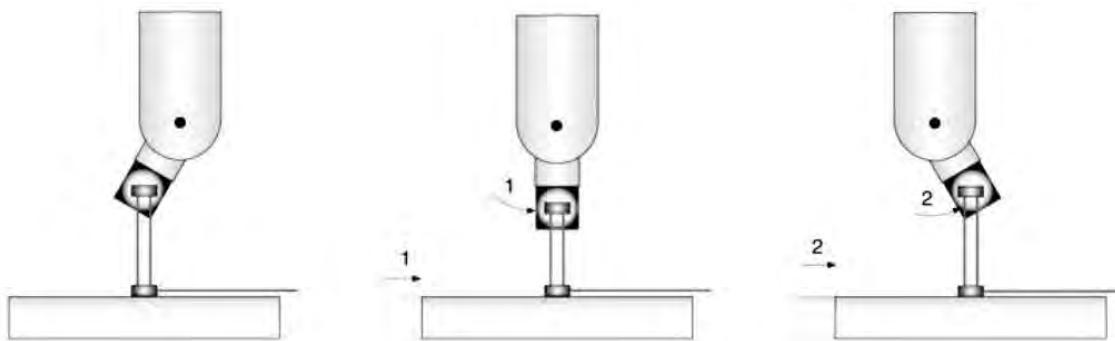
Eccentric Axis Measurement

Equipped with angle prism, precision turntable WR50, dedicated jig and dedicated software, SJ6000 is capable to calibrate eccentric axis rotation accuracy.

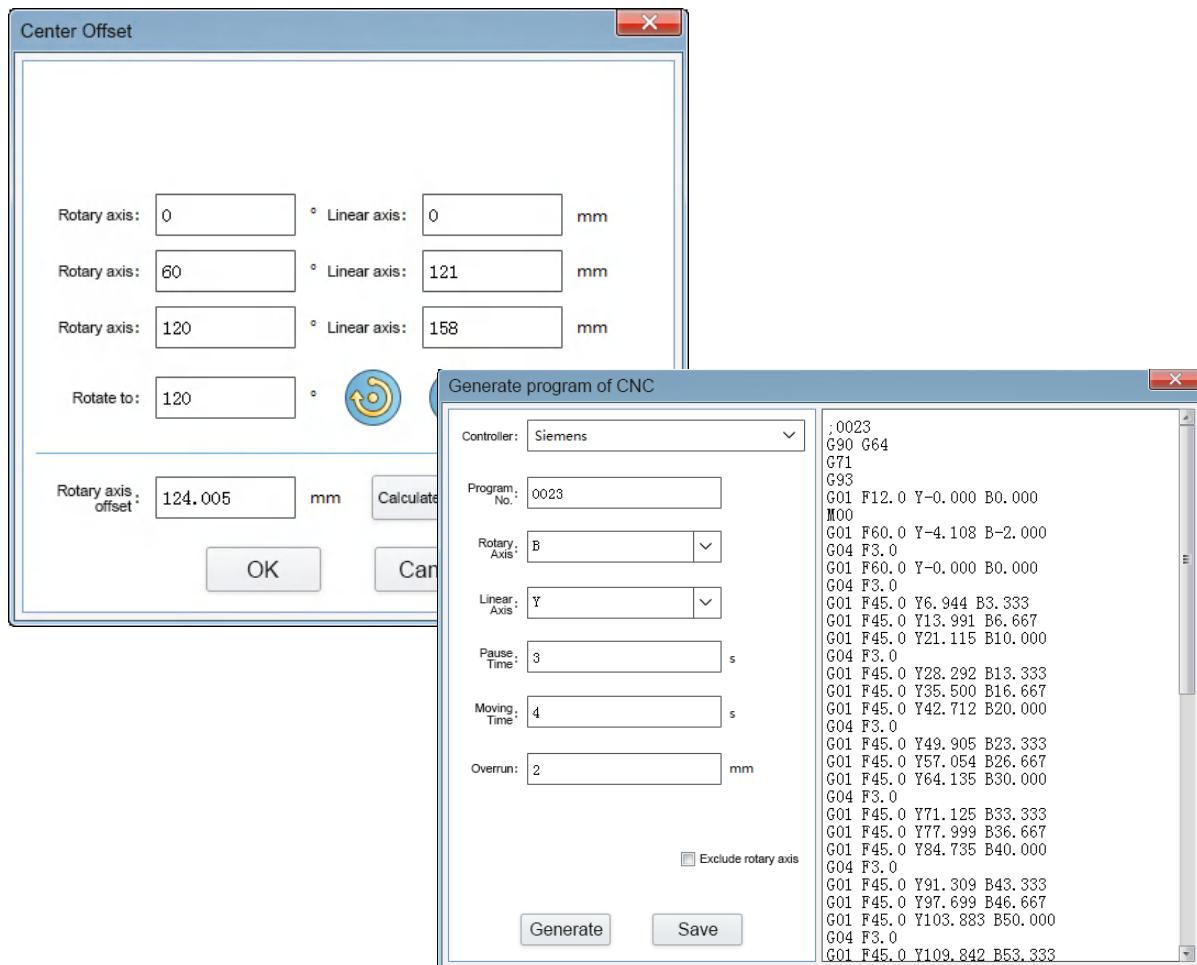


Measurement Principle

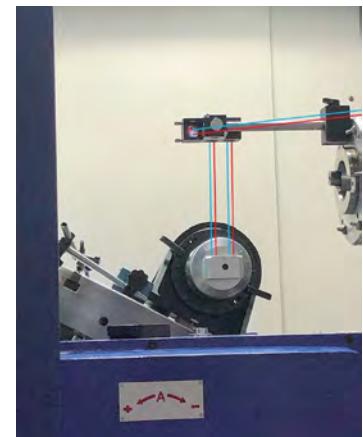
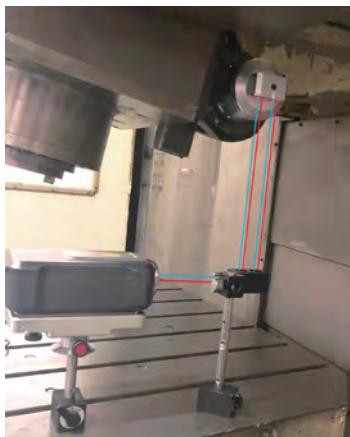
The measurement principle is to use the synchronous movement of the object table and the main spindle, as shown in the figure below. It is important to make sure that angle prism should be always aligned with WR50.



Software Settings



Application



Eccentric axis measurement