

TOOL PRESETTER CODE TLP-C500

CHECK, PRESET AND MEASURE
CUTTING TOOLS

ASSISTED BLADE
ALIGNMENT

DATA OUTPUT



- Check, preset and measure cutting tools
- CCD camera system with telecentric lens
- Touch screen, shortcut icons for easy operation
- Granite platform, more stable
- Measuring lines, arcs, angles and other elements quickly
- Pictures can be saved
- Measuring modes: absolute, relative and incremental measurement
- Measuring reports can be printed
- Supporting system scanning for direct retrieval and communication with tools machine
- Automatic cutting tools recognition by scanner



checking blade geometry quickly



Multiple measurement methods can be chosen



scanning the maximum profile of cutting tools



dynamic crosshair automatically adjusting as X and Z axis move, and the cutting tools can be quickly measured through the dynamic crosshair.

SPECIFICATION

Maximum tool diameter (X axis)	400mm	
Maximum tool height (Z axis)	500mm	
Repeatability	X axis	2μm
	Z axis	2μm
Resolution of X/Z axis	1μm	
Radial runout of spindle	≤2μm at 100mm, ≤5μm at 300mm	
Camera	color CCD, 1.3M pixel	
Magnification	26X	
View field	6.5×6.5mm	
Illumination	LED transmitted light source	
Spindle	ISO/SK/BT50	
Output	USB	
Air pressure	0.4~0.6MPa	
Environment requirement	temperature: 10~45°C, relative humidity: 30%~75%	
Power supply	220V	
Dimension (L×W×H)	860×590×1060mm	
Weight	120kg	

STANDARD DELIVERY

Main unit	1pc
Tablet computer	1pc
ISO/SK/BT50 spindle (including 4×90° indexing and 360°locking)	1pc
Anti-dust cover	1pc

OPTIONAL ACCESSORY

ISO/SK/BT50 to ISO/SK/BT30 converter	TLP-C500-C1
ISO/SK/BT50 to ISO/SK/BT40 converter	TLP-C500-C2
ISO/SK/BT50 to HSK32 A/C/E, HSK40 B/D/F converter	TLP-C500-C3
ISO/SK/BT50 to HSK40 A/C/E, HSK50 B/D/F converter	TLP-C500-C4
ISO/SK/BT50 to HSK50 A/C/E, HSK63 B/D/F converter	TLP-C500-C5
ISO/SK/BT50 to HSK63 A/C/E, HSK80 B/D/F converter	TLP-C500-C6
Spindle vacuum clamping function	TLP-C500-VB
Printer	TLP-C500-PRINTER
Standard rod	TLP-C500-ROD
Scanner	TLP-C500-SCANNER
Tool table	TLP-C500-TABLE
Ring LED light	TLP-C500-LED