

TOOL PRESETTER PART NO. TLP-C500-U

CHECK, PRESET AND MEASURE
CUTTING TOOLS

ASSISTED BLADE
ALIGNMENT

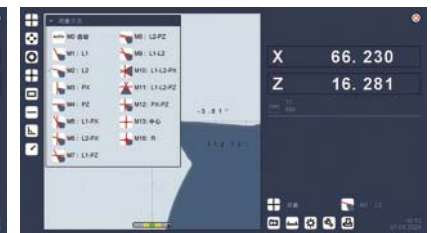
DATA OUTPUT



- 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 axes move, and the cutting tools can be quickly measured through the dynamic crosshair.

SPECIFICATION

| | | |
|--------------------------------|---|---------|
| Maximum tool diameter (X axis) | 15.75" | |
| Maximum tool height (Z axis) | 19.68" | |
| Repeatability | X axis | .00008" |
| | Z axis | .00008" |
| Resolution of X/Z axis | .00004" | |
| Radial runout of spindle | ≤.00008" at 3.94", ≤.0002" at 11.81" | |
| Camera | color CCD, 1.3M pixel | |
| Magnification | 26X | |
| View field | .25×.25" | |
| Illumination | LED transmitted light source | |
| Spindle | ISO/SK/BT50 | |
| Output | USB | |
| Air pressure | 58~87psi (0.4~0.6MPa) | |
| Environment requirement | temperature: 50~113°F, relative humidity: 30%~75% | |
| Power supply | 110V | |
| Dimension (L×W×H) | 33.86×23.23×41.74" | |
| Weight | 265lb | |

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 |