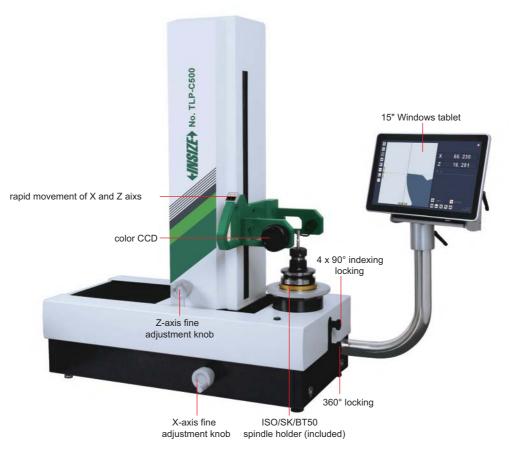
TOOL PRESETTER CODE TLP-C500



- 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



Image: Second second

checking blade geometry quickly



scanning the maximum profile of cutting tools

Multiple measurement methods can be choosed



dynamic crosshair automatically adjusting as X and Z aixs 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 |