

- ◆ Supplied with spindle vacuum clamping
- ◆ Check, preset and measure cutting tools
- ◆ CCD camera system with telecentric lens
- ◆ Touch screen, shortcut icons for easy operation
- ◆ Granite base, more stable
- ◆ Measuring lines, arcs, angles and other elements quickly
- ◆ Measuring images 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



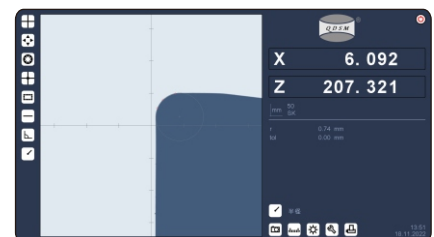
Automatic Center Inspection



Automatic Radius Inspection



Automatic Angle Inspection



Automatic Circle Inspection



## TP450

## TOOL PRESETTER

## SPECIFICATION

Max. tool diameter (X axis)		400mm
Max. tool height (Z axis)		500mm
Repeatability	X axis	2 $\mu$ m
	Z axis	2 $\mu$ m
Resolution of X/Z axis		1 $\mu$ m
Radial runout of spindle		$\leq 2\mu\text{m}$ at 100mm, $\leq 5\mu\text{m}$ at 300mm
Camera		color CCD, 1.3M pixel
Magnification		26X
View field		6.5x6.5mm
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		110/220V
Dimension (LxWxH)		860x590x1060mm
Weight		120kg

## INCLUDED ACCESSORIES

Main unit	1pc
Tablet computer	1pc
ISO/SK/BT50 spindle	1pc
Anti-dust cover	1pc
Printer	1pc

## OPTIONAL ACCESSORIES

ISO/SK/BT50 to ISO/SK/BT30 converter	TP450-BT50-30
ISO/SK/BT50 to ISO/SK/BT40 converter	TP450-BT50-40
ISO/SK/BT50 to HSK32 A/C/E, HSK40 B/D/F converter	TP450-BT50-HSK32
ISO/SK/BT50 to HSK40 A/C/E, HSK50 B/D/F converter	TP450-BT50-HSK40
ISO/SK/BT50 to HSK50 A/C/E, HSK63 B/D/F converter	TP450-BT50-HSK50
ISO/SK/BT50 to HSK63 A/C/E, HSK100 B/D/F converter	TP450-BT50-HSK63
Standard rod	TP450-ROD
Scanner	TP450-SCAN
Tool table	TP450-TABLE
Ring LED light	TP450-LED