

TOOL PRESETTER CODE ISP-A350

INSIZE PLUS
MADE IN EUROPE

CHECK, PRESET AND MEASURE
CUTTING TOOLS

AUTOMATIC RECOGNITION
OF CUTTING EDGE SHAPES

DATA OUTPUT

air flotation button, rapid
movement of X and Z axis



ISO/SK/BT50
spindle (included)



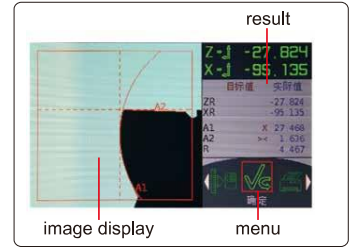
table (included)



CCD camera and
LED surface light source

LED contour
light source

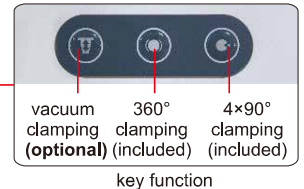
7" DFT color display



operation button

controller (included)

printer (included)



- Check, preset and measure cutting tools
- Telecentric lens CCD camera system
- Use Bosch or Festo pneumatic components, THK guideways and HEIDENHAIN scales
- Built-in 104 cutting edge shapes, automatic recognition
- Measuring modes: absolute, relative and incremental measurement
- Measuring radius, angle, concentricity, axial runout, etc
- Storage of 1000 tool parameters
- View, print and export measurement results



attach the printed label on the tool



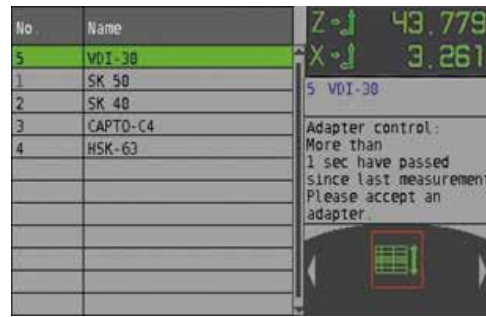
ISO/SK/BT50 to HSK63
A/C/E, HSK80 B/D/F
converter (optional)



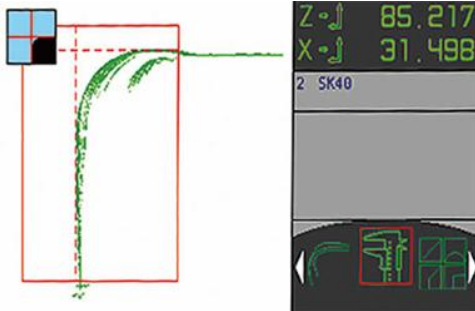
ISO/SK/BT50 to ISO/SK/BT40
converter (optional)



automatic recognition of cutting edge shapes



can store 99 sets of converter parameters and automatically prompt to check the zero position at fixed time



scan and measure the maximum profile of the cutting tool



check cutting edge wear

SPECIFICATION

Maximum tool diameter (X axis)	320mm	
Maximum tool height (Z axis)	350mm	
Repeatability	X axis	2μm
	Z axis	2μm
X/Z axis resolution	1μm	
Camera	color CCD	
Image processing accuracy	1μm	
Magnification	12X	
View field	7×7mm	
Illumination	adjustable LED light	
Spindle	ISO/SK/BT50 (concentricity 2μm)	
Date output	USB, RS232	
Working air pressure	0.6~0.8MPa	
Environmental requirement	temperature: 5~35°C	
	relative humidity: 10%~95%	
Power supply	100~240V, 50/60Hz	
Dimension (L×W×H)	1900×750×1650mm	
Net weight	170kg	

STANDARD DELIVERY

Main unit	1 pc
Controller	1 pc
ISO/SK/BT50 spindle (including 360° clamping and 4×90° clamping)	1 pc
Printer	1 pc
Printer label paper	1 pc

OPTIONAL ACCESSORY

ISO/SK/BT50 to ISO/SK/BT40 converter	ISP-A350-C1
ISO/SK/BT50 to ISO/SK/BT30 converter	ISP-A350-C5
ISO/SK/BT50 to HSK100 A/C/E, HSK120 B/D/F converter	ISP-A350-C8
ISO/SK/BT50 to HSK80 A/C/E, HSK100 B/D/F converter	ISP-A350-C7
ISO/SK/BT50 to HSK63 A/C/E, HSK80 B/D/F converter	ISP-A350-C2
ISO/SK/BT50 to HSK50 A/C/E, HSK63 B/D/F converter	ISP-A350-C3
ISO/SK/BT50 to HSK40 A/C/E, HSK50 B/D/F converter	ISP-A350-C4
ISO/SK/BT50 to HSK32 A/C/E, HSK40 B/D/F converter	ISP-A350-C6
Spindle vacuum clamping	ISP-A350-VC
Printer label paper	ISP-A350-TAB