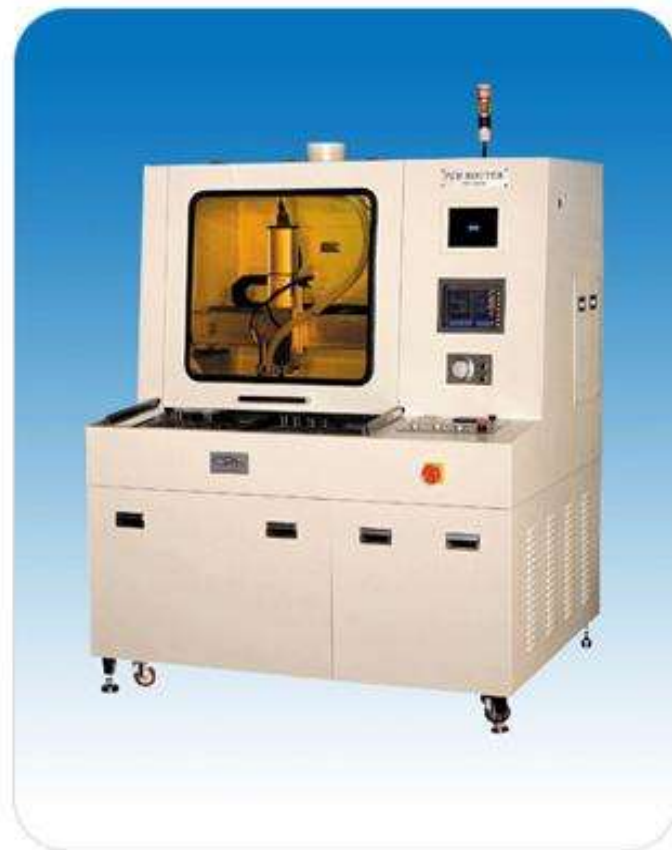




> Features

- High quality PCB board routing system
- Semi-Automatic jig exchanging system & top side routing method
- Extremely fast cutting speed by high-speed spindle unit
- Fast & Precise X, Y, Z axis movement and routing by AC servo motor
- Highly effective dust-removal by bottom side dust collecting unit
- Easy cutting point teaching by vision & MPG handle
- Bit life cycle checking & fool proof checking functions
- Machine operation and control based on robot controller
- TFT operation touch screen

> Robot Specification

Table travel	X axis: 1000 mm, Y1, Y2 axis: 400 mm, Z axis: 100 mm
Working size of PCB	Max 330mm * 300mm Double
Payload	Work (X, Y1, Y2): 20Kg, Tool (Z): 10Kg
Maximum speed	X, Y1, Y2, Z Axis : 1000 mm/sec
Repeatability accuracy	±0.01mm for each axis
Routing Accuracy	±0.1mm
Program language	MDI, Jog (Routing exclusive software)
Drive method	AC servo motor driving
Control method	PTP, LINE, ARC CIRCLE, SPLINE
Programmable axis	3 axis (Simultaneous control of X, Y1, Y2 and Z axis)
Controller	4 axis robot controller
Control panel	8.2" TFT touch screen
Program data memory	96 program memory
Data acquisition	CCD camera vision & MPG teaching system
Teaching vision unit	8" TFT LCD monitor & Color CCD vision camera
Error probe unit	Laser sensing
Ionizer unit	DC 3Kw power
Bit life cycle chuck	Digital display
Auto clamping unit (option)	Air type auto clamping unit
Pneumatic requirement	5~7 Kg/cm2
Ambient temperature	0°C ~ 40°C
Electrical requirement	AC 220V 50/60Hz±10% 3 kva
Dimensions	W: 1250 mm,? L : 800 mm,? H : 1800mm
Weight	2500 Kg

> Spindle Tooling Specifications

Spindle motor	High-speed brushless DC motor : 270W power
	Rotation speed : Min 500 ~ Max 50000 rpm (adjustable)
	Chuck diameter : < 3.175mm

> Dust Collecting Specifications

Motor	2.5Hp Power
Dust collector capacity	4.1 m ³ /min
Constant pressure	2500mmHg
Bag filter	Polyester Teflon , 8 Pockets
Filter area	1.6 m ²
Auto Change Valve	< 50mm
Electrical requirement	AC 220V 50/60Hz±10% 3 kva
Dimensions	W: 550 mm,? L : 550 mm,? H : 1800mm
Weight	120 Kg