

# PCB ROUTING SYSTEM

## PRS-3000S (Stand-alone Type)



### FEATURES

High quality PCB Routing system  
[최고의 품질을 실현한 PCB 분리 장비]

Extremely fast cutting speed by high-speed spindle unit [높은 정밀도 스피들에 의한 최고의 작업속도 실현]

Compact and stand-alone type by easy maintenance [독립형 소형구조로 장비 관리가 매우 쉽다]

Highly effective dust-removal by bottom side dust collecting unit [하향 집진 방식에 의한 효과적인 분진 제거 방식]

Easy cutting point teaching by vision & MPG handle [비전과 조그 핸들에 의한 쉬운 프로그램 입력 방식]

Bit life cycle checking & fool proof checking functions [공구 수명관리 및 작업자 에러 방지 기능]

Very safe operation by safety control and CE marked [사용자의 보호를 위한 안전장치 및 CE 인증]

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## PRS-3000S

### Router Specification

Table travel (이송거리)	X: 400 mm, Y: 400 mm, Z: 100 mm
Working area (작업영역)	Max 350mm x 300mm Single
Moving speed (이송속도)	X, Y, Z axis: Max 1000 mm/sec
Cutting speed (절단속도)	1 ~ 100mm/sec
Repeatability accuracy (이송공차)	±0.01mm for each axis
Cutting accuracy (절단공차)	±0.1mm
Program language (프로그램 방법)	MDI, JOG (Routing exclusive software)
Drive method (구동모터)	AC servo motor driving
Control method (제어방법)	PTP, LINE, ARC, CIRCLE, SPLINE
Programmable axis (동시제어)	3 axis simultaneous control (X, Y, Z axis)
Control panel (조작화면)	TFT Touch screen and MPG system
Program data memory (저장능력)	96 Program (256step)
External Interface (외부통신)	RS232C PC Communications
Teaching vision unit-option (티칭비전)	CCD camera vision direct teaching system
Ionizer Unit-option (이온화 장치)	DC power or Frequency power
Fool proof Sensor-option (에러감지)	Laser sensing
Bit life cycle check (공구수명 관리)	Monitor display
Input height (작업높이)	950mm ± 25 mm
Ambient temperature (사용온도)	0°C ~ 40°C
Pneumatic requirement (공압)	5~7 Kg/cm <sup>2</sup>
Electrical requirement (전원)	AC 220V 50/60Hz 1-phase 1.5KVA
Dimensions (외형규격)	Width: 725 mm, Length: 820+300mm, Height: 1800mm
Weight (무게)	250 Kg

### Spindle Tooling Specifications

Spindle motor (스핀들 모터)	High-speed motor spindle: 350W power
	Rotation speed : min 1000 ~ max 50000 rpm (adjustable)
	Chuck diameter : Ø 3.175mm

### Dust Collecting Specifications

Dust motor type (모터종류)	Ring blower motor or Turbo blower motor
Motor power (모터 힘)	1.5Kw
Bag filter (필터)	Polyester teflon , 8 Pockets
Electrical requirement (전원)	AC 220V 50/60Hz 1-phase 2.0KVA
Dimensions (외형규격)	Width: 550 mm, Length: 550 mm, Height: 1100mm
Weight (무게)	120 Kg

Specifications in this catalog are subject to change for better performance without prior notice.

**Distributor**



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