

**Aurotek®**  
A Complete Solution from One Source

**DESKTOP**

# PCB Separator

The Best Solution for PCB Depaneling

Refined High-Speed  
High-Precision  
Technology



Desktop PCB Separator  
**Y-S330DT-II**

# PCB Separator Desktop

## Y-S330DT-II

### • Y - S330DT - II Specification

Fixture Table	1 Station
Standard Working Area (Max.)	330 mm × 250 mm
Upside Panel Height (Max.)	15 mm
Downside Panel Height (Max.)	(Universal Fixture) 25 mm / (Customized Fixture) 30 mm
PCB Thickness	0.5 mm ~ 2.0 mm (Please advise Aurotek when the thickness is more than 2 mm)
Standard Router Bit Diameter	Ø 1.0, Ø 1.2, Ø 1.6, Ø 2.0 mm
Cutting Accuracy	± 0.1 mm
Positioning Repeatability	± 0.01 mm
Axes Control	3 Axes (X, Y, Z) / AC Servo Motors
Moving Speed (Max.)	X, Y : 500 mm/sec, Z: 100 mm/sec
Cutting Speed (Max.)	X, Y, Z: 100 mm/sec
Spindle	Aurotek 4026
Spindle Rotation (Max.)	265W / 58,000 rpm (Air Chuck System)
Bit Change Detection	Manual
Bit Shift (Max.)	3 Position (Conditional)
Bit Broken / Sliding Detection	YES
Cutting Mode	Linear, Circular, U-curve, Arc, L-curve
Static Eliminator	YES (Including a Set of Cleaning Detergent / per Unit)
Operating System	OS / Windows 7
PC Dimensions (W x D x H)	(W)173 mm × (D) 401 mm × (H) 254 mm [Located next to the machine]
Man-Machine Interface	15" Industrial LCD Monitor, Keyboard, Mouse [ Located under to the machine / in a drawer]
Program Storage	HDD
Method to back up the program	USB
CCD Camera System	Setting Base
Route Planning	Set up paths guided by CCD camera manually.
Signal Light	YES
(Signal Light) Software Setting	Standard
Area Sensor	N/A
Barcode Reader (Automatic / Manual)	N/A
CE Certificate	N/A
Pneumatic Pressure	0.5 Mpa
Power Supply	Single Phase, 200V/220V, 50Hz/60Hz [Including a standard plug and a piece of cable - 3M]
Machine Dimension	(W) 680 × (D) 815 × (H) 843 mm
Machine Weight	Approx. 140 KGS
Working Area Height (Max.)	(Working Desk) + (340 mm ± 20 mm)

** Vacuum Cleaner	YSF - V553DT
Power Supply	2.2 KW (3HP)
Air Volume	263 / min
Static Pressure	2.9 KPa
Decibel (db)	75 dB ~ 80 dB
Power Supply	3 Phase, 200V / 220V, 50Hz/ 60Hz [Including a standard plug and a piece of cable - 3M]
Vacuum Cleaner Dimension	(W) 780 mm × (D) 780 mm × (H) 1,000 mm
Machine Weight	Approx. 170 KGS



## Aurotek®

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