



Catálogo

AUO DT3000DT-3000DTC



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AUO 3000DT desktop type PCB separator is the most ideal solution for SMT line with space limitation, the PC-based controller system provides more friendly user interface.

The AUO 3000DT is equipped with its optimal dust collection system, and its lightweight design provides customers a space-saving solution.

The single working table is suitable for small-volume large-variety production, it is a most cost-efficient PCB separator!

AUO 3000DT brings usability, safety and portability to user.

Efficient

- A. Mini size High horsepower industrial dust-collector.
- B. Small dust-collecting duct is close to the milling area, removing dust at once while depaneling.

Accurate

- A. KURODA high precision ball screw.
- B. Panasonic servo motor.
- C. Sycotec spindle.
- D. Advantech industrial computer.
- E. Aurotek motion control card.
- F. Aurotek Vision System.

We guarantee: $Cpk \geq 1.33$

Positioning Repeatability $\pm 10 \mu m$

Cutting Accuracy $\pm 80 \mu m$

Speedy

- A. High-speed axis modules reach up to (max.) 500mm/s
- B. Maximum cutting speed 100mm/s
- C. Customized fixture and tools. Production changeover can be done in just a few seconds

Yield Increasing

Easy to use is a MUST.

We design machines for:

- A. Manageability
- B. Usability
- C. Safety
- D. Traceability

Project Specification

WORKING AREA	X: 330 mm, Y: 250 mm
Working Table 1	
PCB Thickness	0.8 ~ 3.0 mm
PCB Component Height (Max.)	Upward: 15 mm, Downward: 45 mm
Motion Control	3 Axes with Panasonic AC Servo Motors
Moving Speed	Maximum: X, Y, Z: 500 mm/sec
Cutting Speed	0 ~ 100 mm/sec
Cutting Accuracy	±80 µm
Positioning Repeatability	±10 µm
Cutting Modes	Linear, Circular, U-Curve, Arc, L-Curve
Standard Bits	Ø 1.0 mm, Ø 1.2 mm, Ø 1.6 mm, Ø 2.0 mm
Operating System	Windows 10
Pneumatic Pressure	0.5 / 0.6 Mpa (5 / 6 Bar)
Working Height	It'll be decided by customers.
Dimensions (W x D x H)	680 x 815 x 845 mm *Signal Light - 280 mm
Net Weight	(Approx.) 140 KGS
Vacuum Cleaner	3 HP
Standard Spindle	Sycotec High Speed Spindle
Standard Monitor	22" LCD Monitor
Power Supply	1 Phase AC220 V±5% 50 Hz/60 Hz, 1.1 kw