AURO
ITRONIK



Simulation Cut Table Exchange Production History

THE BEST SOLUTION FOR
PCB SEPARATOR

PCB Separator

AUI / AUO SERIES

DESKTOP, SEMI / FULLY AUTOMATIC

EFFICIENT
ACCURATE
SPEEDY
YIELD INCREASING

www.aurotek.com.tw

AUI SERIES

● Fully-Automatic PCB Separator

AUI

SPECIFICATION

MODEL	AUI 3000 / 3000C	AUI 4000 / 4000C	AUI 5000 / 5000C	AUI 6000
				
WORKING AREA	**X:330 mm Y:350 mm**	**X:430mm Y:450mm**	**X:630 mm Y:550 mm**	**X:850 mm Y:560 mm**
Working Table	2		1	
PCB Thickness	0.8 ~ 3.0 mm			
PCB Component Height (Max.)	Top : 15 mm / Down : 35 mm			
Motion Control	7 Axes AC Servo Motors		6 Axes AC Servo Motors	
Moving Speed	Standard: X, Y=1,000 mm/s; Z=750 mm/s; Carrier X=700 mm/s; Carrier Z=750 mm/s Maximum: X, Y=1, 200 mm/s; Z=750 mm/s; Carrier X=700 mm/s; Carrier Z=750 mm/s			
Cutting Speed	0~100 mm/s			
Cutting Accuracy	±50 μm		±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	≧ 0.65 Mpa(≧ 6.5 Bar)			
Working Height	890 ~ 940 mm			
Dimensions (W*D*H)	1974*1120*1720 mm + Signal Light 561 mm	2374*1334*1720 mm + Signal Light 561 mm	2572*1583*1720 mm + Signal Light 561 mm	3222*1576.5*1696 mm + Signal Light 562 mm
Net Weight (Approx.)	680 Kgs	840 Kgs	860 Kgs	1,050 Kgs
Vacuum Cleaner	Bottom suction with air volume-type dust collection system			
Standard Spindle	Sycotec High Speed Spindle			
Standard Monitor	22" LED Monitor			
Power Supply	3 Phase AC220 V±3% 50 Hz/60 Hz, 4.0 kw			

AUO SERIES

● Semi-Automatic PCB Separator

AUO

SPECIFICATION

MODEL	AUO 3000 / 3000C	AUO 4000 / 4000C	AUO 6000	AUO 7000	AUO 3000DT / 3000DTC
					
WORKING AREA	**X:330mm Y:350mm**	**X:450mmY:520mm**	**X:650mm Y:650mm**	**X:750mm Y: 550 mm**	**X:330mm Y:250mm**
Working Table	2		2	1	1
PCB Thickness	0.8 ~ 3.0 mm				
PCB Component Height (Max.)	Top : 15 mm, Down : 45 mm				
Motion Control	4 Axes AC Servo Motors			3 Axes AC Servo Motors	3 Axes AC Servo Motors
Moving Speed	Standard: X, Y=1,000 mm/s; Z=750 mm/s Maximum: X, Y=1, 200 mm/s; Z=750 mm/s				Maximum : X, Y, Z=500 mm/s
Cutting Speed	0 ~ 100 mm/sec				
Cutting Accuracy	±50 μm		±80μm		±50 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	≧ 0.65 Mpa(≧ 6.5 Bar)				
Working Height	890 ~ 940 mm				It'll be decided by customers.
Dimensions (W*D*H)	1565*1110*1462 mm + Signal Light 561 mm	1789*1400*1435 mm + Signal Light 561 mm	2260*1740*2280 mm+ Signal Light 561 mm	1789*1530*1440 mm + Signal Light 561 mm	680*815*845 mm + Signal Light 280 mm
Net Weight (Approx.)	500 Kgs	640 Kgs	1100 kgs	720 Kgs	140 Kgs
Vacuum Cleaner	(1) Bottom suction with air volume-type dust collection system. (2)Top suction with air velocity-type dust collection system.			Bottom suction with air volume-type dust collection system.	
Standard Spindle	Sycotec High Speed Spindle				
Standard Monitor	22" LED Monitor				
Power Supply	3 Phase AC220 V±3% 50 Hz/60 Hz, 4.0 kw				1 Phase AC220 V±3% 50 Hz/60 Hz, 1.1 kw

AUI / AUO FEATURE

● Semi / Fully-Automatic PCB Separator

AUI AUO

FEATURES

AUI FEATURES

MANAGEABILITY	Real-Time Production Info
	Spindle & Bit Lifespan Management
	User Account Management
	System Backup Software
	Bit Diameter Detection *
	Specific Fixture Identification*
	Specific Nozzle Pad Identification *
SAFETY	Bit Sliding & Breaking Detection
	Fiducial Mark Alignment
	Air Ionizer System
	PCB Bow & Twist Checking
	CE Approval*
TRACEABILITY	Production Traceability
	Automatic Barcode(DMX) Reader *
	MES Integration (by TCP/IP Socket) *
	UPS system for IPC*

USEABILITY	Cutting path teaching with megapixel-level camera
	Cutting Route Simulation
	Scanning master drawing to make cutting path
	Cutting Route Optimization *
	Bit-sectioning for Multiple Usage (0~9 times)
	Offline Programming Software *
	Spindle RPM Digital Adjustable*
	Inlet Conveyor width Auto-adjustment *
	Output Flat Belt Conveyor *
	Rotatable Carrier *
	Specific fixture *
	Universal Loaing/Unloading System With Nuzzle module
	Nuzzle Pad *

* SOME OPTIONS CAN'T BE APPLIED TO SOME MODELS TOGETHER, PLEASE CONTACT US FOR FURTHER CONFIRMATION

AUO FEATURES

MANAGEABILITY	Real-Time Production Info
	Spindle & Bit Lifespan Management
	User Account Management
	System Backup Software
	Bit Diameter Detection *
	Specific Fixture Identification*
SAFETY	Bit Sliding & Breaking Detection
	Fiducial Mark Alignment
	Air Ionizer System
	PCB Bow & Twist Checking
	CE Approval*
TRACEABILITY	Production Traceability
	Automatic Barcode(DMX) Reader *
	MES Integration (by TCP/IP Socket) *
	UPS system for IPC *

USEABILITY	Cutting path teaching with megapixel-level camera
	Cutting Route Simulation
	Scanning master drawing to make cutting path
	Cutting Route Optimization *
	Bit-sectioning for Multiple Usage (0~9 times)
	Offline Programming Software *
	Digital control of spindle speed *
	Specific Fixture *

* SOME OPTIONS CAN'T BE APPLIED TO SOME MODELS TOGETHER, PLEASE CONTACT US FOR FURTHER CONFIRMATION

ENGAGE YOUR ENGINEERING SYSTEM

PROVIDE COMPLETE SOLUTION
TECHNOLOGY AND EQUIPMENT



- SINCERE SERVICE
- HIGHEST QUALITY
- FINEST INNOVATION

TD0703HC GOOD DESIGN

TÜVRheinland CERTIFIED Management System ISO 9001:2015 ISO 14001:2015 www.tuv.com ID 9105051690

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