



Titan P100

Pick & Place Test Handler



Titan P100

Design with High Temperature Capability



Our Pick & Place Test Handlers are adept at addressing multifaceted testing and sorting requirements, catering to the diverse and intricate testing needs of our customers.

They are well-suited for testing and sorting Memory, IGBT, IPM, SIM, CSP, BGA, LGA, SIP, QFP, MSOP (3x3 – 55x55mm) at both normal and high temperatures.

Furthermore, these handlers facilitate classification, integration of imaging systems, and ensure a high-quality output of products for our customers.

Key Features

- Optimal 13500 pcs UPH
- 3 Automatic Trays + 3 Manual Trays (315x136mm)
- Supportable 1x2, 2x2, 1x4, 2x4 Test
- Equip with a Vacuum Pump

Productivity

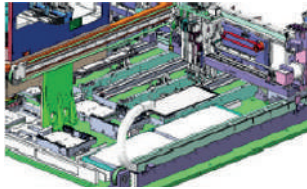
- Suitable for Memory, IGBT, IPM, SIM, CSP, BGA, LGA, SIP, QFP, MSOP
- Using RS232/TTL/GPIB Communication Interface
- Work with Window 10
- Support Temperature Range 50~130°C ± 3°C

Specification

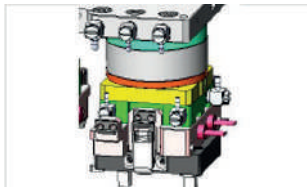
- Power Supply : ACC220V +/- 10%, 50/60Hz
- Air Pressure : 0.4-0.7MPa
- Dimension : 1995 x 1545 x 1865mm
- Weight : 1500kg
- Stability : MTBA>60min MTTA<3min MTBF>168H

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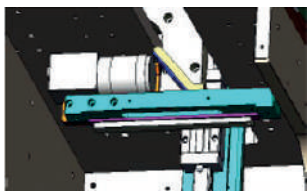
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The Y-axis of the loading and unloading nozzles adopts a design with dual linear guides and dual-power drive, ensuring a long lifespan, high precision, and smoother long-term



Specially designed pneumatic floating pressure head, capable of automatically calculating the testing pressure



The pressure testing area features image detection to identify whether there is stacking, preventing testing misjudgments.

Loading Mechanism	: 1 Auto Loading Position + 3 Auto Receiving Position; 3 Manual Receiving Position ; 1 Auto Empty Tray Receiving + 1 Auto Empty Tray Providing
Loading Nozzle	: 8 nozzle with independent Z axis motor and a dual-sided drive in the Y-axis direction.
Feeding Shuttle	: Preheating temperature range of 50~130°C±3°C; Equipped with 1X2, 2x2, 1X4, 2X4 sensor detection functions
Disk Changing Arm	: 1 robotic arm with auto lifting function in case of power failure.
Pressure Testing Mechanism	: Mode 1: 1X2/1X4, X=40±0.01mm, Y=60±0.01mm ; Mode 2: 2X2/2X4, X=80±0.01mm, Y=60±0.01mm. The pressure can be automatically calculated based on the number of IC pins/balls.
Testing Area	: It has image detection to prevent misjudgment during testing for stacked components.