



Sonic T200 Turret Test Handler



Sonic T200

Design for Impressive High Speed Efficiency



Our T-200 rotary turret sorting machine excels in sorting force-sensitive and IC devices, boasting high-speed testing, marking, and taping functionalities.

Its stability and impressive Units Per Hour (UPH) output are guaranteed by the utilization of a DDR motor imported from Japan. The integrated marking system and imaging system work seamlessly to provide customers with high-quality product output.

Key Features

- Optimal 45000 pcs UPH
- 2.0million CCD Camera (H640xV480px) or 1.6million (H1280xV1080px), 0.012mm/px
- Spring Contact Type
- Using BUS Program and MTBA Data Recording

Productivity

- Suitable for SOT143, SOT23, SOT23-3/4/5/6/8, SOT89-3/5, SOT223, SOT323, SOT363, SOT523, SOT553, SOT563, TSOT23-3/4/5/6/8, SOP4, SOP5, SOP7, SOP8, SOP10, SOP12, SOP14, SOP16, SOP18, SOP20, SOP22, SOP24, SOP28, MSOP8, MSOP10, TSSOP8, TSSOP10, TSSOP14, TSSOP16, TSSOP20, TSSOP24, QSOP24, LSOP4, LSOP6, SOD123, SOD323, SOD123FL, SOD323FL, DFN/QFN1X1-DFN/QFN8X8, PDFN3.3x3.3, PDFN5X6, LGA, TOLL, Silicon Wheat Series, Photovoltaic Module, SMA, SMB, SMC, MBS, SMAF, SMBF, TO252, TO220, TO263, TO247
- 4+4+1 Sorting
- Feeding with Vibrating Disk , Discharge with Taping / Tube Method
- 10w laser marking/ 20w pulse marking machine(optional); Range at 110X110/70x70mm
- 7000mm/s engraving speed with Min Character 0.2x0.02mm; Output Power 10W/20W

Specification

- Power Supply : ACC220V +/- 10%, 50/60Hz
- Air Pressure : 0.4-0.7MPa
- Vacuum : ≥65kPa
- Stability : MTBA>60min MTTA<3min MTBF>168H

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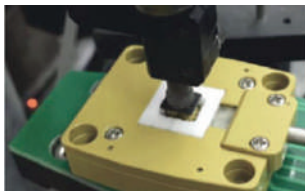
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Dual monitors can rotate 270 degrees, allowing for operation both in the front and rear, providing easier maneuverability.



The downward press motor adopts a servo motor, offering quick response, stability, and high precision.



The DFN testing device has good insulation, high testing accuracy, a long lifespan, and easy to maintain.

Machine Nozzle Machine Feeding Machine Test

- : Nozzle with shielding function and automatic height correction.
- : Automatic feeding with quick and stable vibrating disk.
- : Supports up to 5 electrical tests, 1 3D inspection, efficient direction identification, detection of optical and electrical performance with significantly improving yield.

Main Turntable

- : Equipped with 18 nozzles driven by servo motors, accurately delivering products to the center of each workstation.

Alignment/Turning Device

- : Precise positioning and direction change with a positioning error of 0.005mm and directional accuracy of 0.1 degrees.

Marking Disk

- : Performs laser marking, dust suction, marking visual inspection, and other functions, greatly accelerating the marking speed.

Tape Packaging

- : In addition to simple automatic tape packaging, it also features as automatic replenishment and sealed visual inspection.

Additional Options

- : Post-sealing visual inspection function (optional).