



Gravitation G300

Gravity Test Handler



Gravitation G300

Design for Automated Sorting Solutions



The G-300 Gravity Sorting Machine is a fully automated system meticulously crafted for testing TO series packaged power devices.

It seamlessly integrates multiple testing stations in series, encompassing insulation testing, conventional electrical performance testing, laser marking, brush dust removal, and visual inspection within a singular, efficient device.

Key Features

- Optimal 8000-10000pcs UPH
- 2 Insulation + 4 Electrical Performance Testing Position
- 15 Stage Automatic Tube Collection

Productivity

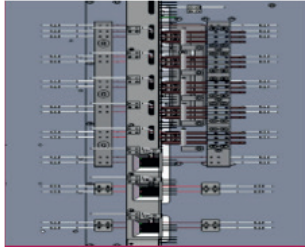
- Suitable for TO-220, TO-220FD, TO-263, TO-247, TO-3PL, etc
- Kelvin Gold Finger Clip Testing
- Work with Window 10

Specification

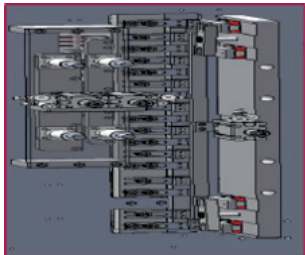
- Power Supply : ACC220V +/- 10%, 50Hz
- Air Pressure : 0.5-0.7MPa
- Dimension : 1400 x 1330 x 2000mm
- Weight : 500kg

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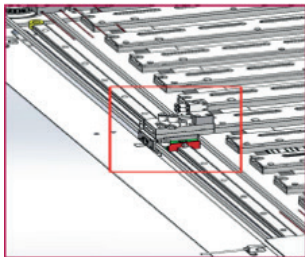
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The testing station is equipped with a quantity that can simultaneously accommodate the polarity testing requirements of multiple product models.



Unique material testing positioning switching mechanism, improving efficiency and facilitating maintenance.



The sorting shuttle's material-blocking air cylinder adopts a bottom-inlet air method, making the mechanism lightweight and enhancing operational performance.

Feeding Method

: Automatic tube feeding, tube replacement.

Testing Station

: 2 insulation testing stations + 4 electrical performance testing stations, enhancing efficiency and facilitating maintenance.

Sorting Station

: Driven by a servo motor, the sorting shuttle uses a bottom inlet air cylinder for blocking material, providing a lightweight and stable mechanism with precise operation.

Discharging Method

: Automatic tube discharging method, with the option for red-white tube settings to effectively distinguish between good and defective products.

Marking Station

: Equipped with a set of 20W fiber laser marking machine.

Unique Modification

: Allow for later modifications based on the testing product requirements by replacing a small number of parts.

Informative System

: Work with Window 10 and display real-time information during production, including the quantity of each tube product, UPH (units per hour), fault locations, reasons, and troubleshooting methods.