

GT-201

TUBE-TO-TUBE GRAVITY-FEED TEST HANDLER

The Tube-to-Tube Gravity-Feed Test Handler is designed for the automatic transfer of IC Packages or Devices contained in plastic tubes to more than one test stations for the testing and sorting of devices into defective and non-defective categories.

The devices are transferred from plastic tubes; singulated, and are conveyed to the Test Stations, where Customer-defined tests, such as High Voltage Test or Functional Tests are performed on each package. A single stack tube input magazine allows multiple tubes loading capacity, and the packages are transferred through the gravity track system. The "Passed" and "Failed" packages are then unloaded into separate designated plastic tubes.



Specifications:

Handling System

- Tube width: (10 ~ 20 mm)
- Product width: (5 mm ~ 12 mm)

Control System

- PC control platform
- LCD monitor with touch screen

Tester

- High Voltage test
- Partial Discharge Test

Machine Footprint

- 1000 mm (L) X 850 mm (W) X 1,800 mm (H)

Standard platform weight

- Approx. 600 Kg

Facilities Requirements

- Power supply: Single-phase 230 VAC, 50/60Hz
- CDA: 4-6 bar



FA SYSTEMS AUTOMATION (S) PTE LTD



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UNIQUE FEATURES & ADVANTAGES



Multi-tube Loader



Flipper



HV Test Station

- Multi-test Handler
- Small Footprint.
- User-friendly Machine interface.
Easy to learn with very simple training.
- Modular design, Repeatability and Accuracy,
Quick and Easy Maintenance minimizes machine downtime.
- Result is a more Cost-Effective Solution and Low Cost of Ownership
for high volume manufacturing with improved Quality, Reduced Cost,
Productivity improvement.



Can handle a wide range of IC packages.



Functional Test Station



Manual Tube Loading

Auto Binning

Major Target Users

Semiconductor manufacturers and test houses (companies handling IC tests)

Gravity-Feed Method

This is the method by which the handler drops the IC packages onto a track to be conveyed individually to each test station one at a time. This employs a simple mechanism and is efficient.

**Manufacturer of Customized Automated Equipment
Technology. Customization. Globalization. People**
Providing flexible, low cost automation solutions for semiconductor testing.



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