

MINI TABLETOP SINGLE SITE TEST HANDLER MODEL 3111

The Chroma 3111 Mini Tabletop Single Site Test Handler is an automated Pick & Place system ideal for engineering and the test development of IC System Level Testing (SLT). The system has the capability of handling a vast variety of device types and sizes ranging from 5x5mm to 45x45mm. To maximize productivity, the 3111 offers a remote function allowing handler control from any distant location through an internet connection. Equipped with 2 software allocatable JEDEC trays the 3111 maximizes the engineering test capability saving cost and time, all within a 2x2 foot table space. A user-friendly graphic interface (Windows™) system provides a quick and easy device setup, change or changeover simplifying the process and increasing efficiency.

MINI TABLETOP SINGLE SITE TEST HANDLER



KEY FEATURES

- 600 mm (W) x 565 mm (D) x 800 mm (H)
- JEDEC trays (2)
- IC packages: 5x5 mm to 45x45 mm
- Software configurable binning
- Air damper contact
- Optimizes IC force balance
- Maximize test socket lifetime
- Double stack protection
- Continuous automated re-test
- Remote control operation
- Real time system camera monitoring
- Alerts to mobile device

3111

| SPECIFICATIONS | |
|------------------------|--|
| MODEL | 3111 |
| Device Type | Type: BGA series, μ BGA, QFP series, QFN, Flip-Chip, TSO, PoP Outer dimensions: 5 mm x 5 mm to 45 mm x 45 mm Thickness: 0.5 mm to 5 mm Lead / Ball pitch: 0.4 mm / 0.5 mm and above |
| Test Site | Single site |
| Jam Rate | 1/3000 |
| Tray Classification | 1 Category |
| Tray | JEDEC |
| Binning | 128 software bins |
| Rotator | ± 90 degree |
| Contact Force | 10 kgf - 50 kgf (± 1 kgf) |
| Contact Mode | Direct Contact / Drop and Press |
| Tester Interface | Standard RS-232, TCP/IP; Optional GPIB |
| Remote Control | Remote access to system software through TCP/IP (VNC) |
| Dimensions and Weight | Dimensions: 600 mm (W) by 565mm (D) by 800 mm (H) (Signal Tower excluded), Net Weight: 80 kg |
| Power & Compressed Air | Power Supply: AC 220V, 50/60 Hz, single-phase Dry Air of 5.0 kg/cm ² (0.49 MPa) or higher, constant supply |
| RCCA (Optional) | System auto-alignment 5 min |
| SOCKET CCD (Optional) | CCD checks socket to prevent double stack of parts in the socket. |



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