



## MINIATURE IC HANDLER MODEL 3270

# 3270

Chroma 3270 is an innovative handler for high volume/multisite miniature IC testing, especially for CIS Testing (CMOS Image Sensor), at system level. It is capable of handling devices of a large variety of package types including QFP, TQFP, BGA, PGA, etc. The handler uses pick and place technology to pick up devices from JEDEC trays, move them to the test site, then move them to the appropriate bin after test.

Chroma 3270 can handle 16 devices for parallel test at ambient temperature to high temperature 50°C.

### KEY FEATURES

- High throughput for CIS Testing
- Reliable high-speed pick & place handler
- 3x3 mm miniature device handling capability
- Air damper for contact balance
- Socket damage free



# Chroma

## SPECIFICATIONS

<b>Model</b>	<b>3270</b>
<b>Dimensions and Weight</b>	Dimensions : 2100 mm(W) x 1540 mm(D) x 1720 mm(H) Net Weight : 1300 kg
<b>Power Requirement</b>	Power supply : AC220V $\pm$ 10%, 50/60 Hz 3-Phase Maximum power consumption : 12KVA, 20A Compressed Air : Dry air of 5.0 kg/cm <sup>2</sup> (0.49 Mpa) or higher, constant supply
<b>Applicable Device</b>	Type : BGA series, $\mu$ BGA, PGA, QFP series, CSP, WCSP, PLCC, QFN, TSOP Outer dimensions : 3 mm x 3 mm to 14 mm x 14 mm Lead / Ball pitch : 0.4 mm / 0.5 mm above
<b>Multiple Test Sites</b>	16 sites
<b>Index Time</b>	5 sec (Exclude power and communication time)
<b>Cycle Time</b>	One site cycle time 6 sec (4 site simultaneously, tray pitch fixed)
<b>Jam Rate</b>	1/2000 pcs
<b>Applicable Tray</b>	Standard tray size : JEDEC 135.9 mm(W) x 315 mm(L) Tray thickness : 7.62 mm
<b>Categories</b>	5 Categories, 1 Auto, 4 Fixed (accepts 128 bin signals for RS-232)
<b>Contact Force</b>	Max. 20 kgf ( Accuracy $\pm$ 1kgf )
<b>High Temperature (Optional)</b>	Operating mode : room temperature / high temperature Temperature setting range : Ambient to 50°C
<b>Tester Interface</b>	Standard : RS-232

All specifications are subject to change without notice.



Developed and Manufactured by :

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