NS7000 Series

NS7160W

- Best handler for multi-site testing of integrated logic/memory devices
- Capable of 16-site simultaneous testing

NS7080W

- Expanded socket area enables docking to a wide variety of socket layouts

NS-7000/NS-7080

NS-7080W/NS-7160W

Feature

1. Fllexible socket layout
   - Wide range of available socket layouts including "square 4-site"

2. Outstanding basic functions
   - High throughput of 7300 UPH (units per hour) and index times from 0.36 sec.
   - Steady temperature due to use of a chamber in the test site

3. Compatible with a wide range of device types (small, thin, etc.)
   - Damage-free testing of ultra thin devices in soft contact mode
   - Capable of testing small devices such as MLPTM and MLFTM
   - Capable of testing CMOS image sensors and RF devices

4. Contact force controlled by electro-pneumatic regulator

5. Auto teaching

   - Capable of auto teaching using auto-teaching jigs

6. ESD (electrostatic discharge) reduction

   - Can provide required level of ESD protection

7. Multi-lingual operation screen

   - Multi-language support available for operation screens

8. Side-docking test head

9. CE marking

10. Options

    - One-touch Lock socket Plate

    - High Contact Pressure

    - Motor Rotator Hand

    - Wide Hot Plate

    - Cross Sensors

    - Different Tray Handling for Loading/Unloading

Main specifications

	NS-7000/NS-7080	NS-7080W/NS-7160W
Device type	QFP,TSOP,CSP,BGA,QFN,PLCC,LGA,PGA,RF Device, CMOS Image sensor	
	Min. 3x3 to Max. 50x50 (Lead pitch: 0.4 mm or more)[1]	
Test mode	8-site (4x2)[2] Square 4-site (2x2) In-Line 4-site(4x1) 2-site Busy Shuttle (single)	16-site (8x2)[3] 8-site (4x2) Square 4-site (2x2) In-Line 4-site(4x1) 2-site Busy Shuttle (single)
Index time	0.36 sec	
Throughput	Max. 7,300 unit per hour	
Temperature accuracy	+50degC to + 90degC ±2degC[3]	
	+90degC to +130degC ±3degC[3]	
Dimension (mm)	1,640(W) x 1,580(D) x 1860(H)[4]	1,800(W) x 1,580(D) x 1860(H)[4]
Weight	Approx. 1,120Kg	Applox. 1,190kg

[1] Depends on the socket size and socket pitch.

[2] For NS-7080

[3] FOr NS-7160