

Summit SHP



PICK-AND-PLACE TEST HANDLER



*Handler shown
without Chiller.*

- ▶ **Ideal for Advanced Thermal Applications**
- ▶ **300W Total Power or 360W per cm²**
- ▶ **Passive Thermal Control and Full Temp Operation (-5°C to +105°C)**
- ▶ **Single or Dual Test Sites**

Specifications

ADAPTATION KITS

PACKAGE TYPE	BGA, LGA, PGA, MCM. (For other package types, consult Delta Design)
PACKAGE SIZE	Minimum: 25mm x 25mm Maximum: 63mm x 63mm Thickness: up to 8.0mm
PACKAGE CHANGEOVER	<30 minutes for similar package types
CONTACTOR	Delta Design high-performance contactors or customer-specified contactors

PLATFORM

MEDIA	JEDEC trays (for other trays, please consult factory)
INPUT	2 – Automated input positions 1 – Automated empty tray buffer
SORT	5 – Automated tray positions 7 – Automated tray positions (optional) 15 – Automated, single-tray plus 3 multi-tray locations (optional)
TEST SITE	Vertical test head docking plane x1 configuration – standard x2 configuration – optional
TURRET CAPACITY	x1: 4 chucks – standard x1: 8 chucks – optional x2: 4 chucks – optional
INDEX TIME	x1: 900ms (device and configuration dependent)
THROUGHPUT	x1 – 1600 UPH max., (test time and device dependent) x2 – 1840 UPH max., test time dependent

TEMPERATURE RANGE	-5°C to +105°C
VARIATION FROM SETPOINT	±2.0°C of setpoint at start of test
POWER DISSIPATION	Power density to 360W/cm ² , 300W maximum (package dependent)
THERMAL FEEDBACK METHOD	Chiller temperature feedback
ESD	< 100V w/ optional ionizers
USER INTERFACE	Windows-based, color touchscreen
COMMUNICATION INTERFACE	RS 232 or GPIB (consult factory for other options)
POWER REQUIREMENTS	208VAC, 50/60 Hz, three phase, 30 amp
AIR	Single site: 80 psi, 15 to 22 scfm (clean, dry air) Dual site: 80 psi, 17 to 26 scfm (clean, dry air)
SYSTEM DIMENSIONS	72"L x 53"D x 60"H (w/o light tower) (1.80m x 1.36m x 1.53m)

CHILLER

COOLING	Air-cooled water/glycol
POWER REQUIREMENTS	Integrated into handler
SYSTEM DIMENSIONS	Integrated into handler

Specifications subject to change without notice.
For detailed performance specifications, please contact Delta Design.



DELTA DESIGN – USA
12367 Crosshwaite Circle
Poway, CA 92064
858-848-8000
Fax 858-848-8180
Email: info@deltad.com
Internet: www.deltad.com

DELTA DESIGN – SINGAPORE
151 Lorong Chuan
New Tech Park, #03-08
Singapore 556741
65-6-288-6949
Fax 65-6-289-6949

DELTA DESIGN – TAIWAN
4-F5, No. 736 Chung-Cheng Road
Chung-Ho 235
Taipei Hsien, Taiwan ROC
886-2-8226-2209
Fax 886-2-8226-1371