

## Specifications

### ADAPTATION KITS

<b>DEVICE TYPE</b>	QFP, TQFP, TSOP, CSP, BGA, $\mu$ BGA, PLCC, LCC, SOIC, and QFN. (For other package types, consult Delta Design)
<b>PACKAGE SIZE</b>	Typical overall size (including leads) 4mm x 4mm to x1 – 48mm x 48mm x2 – 35mm x 35mm x4 – 32mm x 32mm x3, x6, x8, x9 – 22mm x 22mm Thickness: 0.5mm to 5mm Kit parallelism can be added as needed
<b>PACKAGE CHANGEOVER</b>	<30 minutes
<b>CONTACTOR</b>	Delta Design high-performance contactors, customer-specified contactors, or burn-in sockets

### PLATFORM

<b>MEDIA</b>	JEDEC trays (for other tray types, please consult factory)
<b>INPUT</b>	1 - Automated input position 1 - Automated empty tray storage position
<b>SORT</b>	4 - Automated sort positions (standard) 1-4 - Additional automated sort positions (optional) 1 - Automated auxiliary buffer position (optional)

### TEST SITE

Vertical test head docking plane  
x1, x2, x3, & x4 – standard  
x6, x8, & x9 – optional  
Configurable pin one location – optional

### INDEX TIME

550 ms – x1, x2, x3, & x4 test site;  
750 ms – x6, x8, & x9 test site

### THROUGHPUT

Lx: 4200 uph  
TURBO: 5200 uph

### TEMPERATURE RANGE

Ambient to +160°C  
(+175°C optional);  
–60°C to +160°C  
(+175°C optional)

### THERMAL ACCURACY

Soak:  $\pm 2^\circ\text{C}$   
Test Site:  $\pm 2^\circ\text{C}$

### ESD

< 300V within 6" of part path  
< 50V within 6" of part path with ionizer (optional)

### USER INTERFACE

Color touchscreen

### BINNING INTERFACE

Parallel, RS 232, GPIB, SECS/GEM  
(consult factory for other options)

### POWER REQUIREMENTS

200 - 240 VAC, 50/60 Hz,  
Single or three phase, 30 amp

### SYSTEM DIMENSIONS

54"L x 54"D x 63.75"H  
(1.37m x 1.37m x 1.62m)

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



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**Delta  
Design**  
A Cohu Company

## PICK-AND-PLACE TEST HANDLER



- ▶ **Tri-Temperature  
with Large Soak Capacity**
- ▶ **QFP, TQFP, TSOP, BGA, PLCC,  
MCR, and other Surface Mount Packages**
- ▶ **1 - 9 Test Sites**
- ▶ **Fast Index Time – High Throughput**
- ▶ **Simple, Fast Package Changeover**