

# EXCEED-9816 Tri-temp PnP Handler



## Product Features:

1. **Tri-Temp Throughput Advantage**
  - Up to 16-sites tri-temperature testing
  - 9300 UPH (ambient) and 6480 UPH (hot/cold).
2. **Temperature Accuracy & Stability**
  - $\pm 3$  °C stability across  $-50$  °C to  $+155$  °C
  - (optional 175 °C).
3. **Fast Thermal Changeover**
  - Rapid hot and cold transition for minimum production downtime.
4. **High-Power Device Capability**
  - Stable thermal handling for high-power IC testing.
5. **Low Cost of Ownership**
  - Maintenance-free modular refrigerant cooling system.
6. **Production Flexibility & Reliability**
  - Single to 16-sites configurable, JEDEC-compliant, low jam rate ( $<1/5000$ ).

Basic Specification	
Model	EXCEED-9816
Specification	Tri temp.(up to 16-sites)
Package Type	QFN,QFP,BGA,LGA,PLCC,PGA, CSP,TSOP etc.
Package Size	From 2x2 to 110x110 mm
Test Layout	Single site, Dual site, Quad (Square and Inline) site, Octal site (2*4), 16 sites (2*8),
Contact Force	240kg Option: 480Kg
Pick up Head	2x4
UPH (QFN3*3,Tray Matrix14*35)	Max.9300 (ambient temp, 16 sites) Max. 6480 (Hot/Cold temp, 16 sites)
Index Time	Min.1000ms
JAM Rate	$<1/5000$
Tray Specification	JEDEC Standard
Test Area Opening	340x150mm
Interface	GPIB, TTL, RS232, Network
Temperature Stability	$-50^{\circ}\text{C} \sim 155^{\circ}\text{C} \pm 3^{\circ}\text{C}$ $175 \pm 3^{\circ}\text{C}$ (Option)
Loader Tray	Loader x1
Number of Sort	Auto Tray×3, Manual Tray×3

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<b>Power Supply Requirements</b>	<b>Handler: Single Phase AC 220V 50/60Hz 30A *1 Three Phase AC 380V 50Hz 63A *2 Dryer: Single Phase AC 220V/5A 50/60Hz *2(Option) Water Cooler: Three Phase AC 380V/20A 50/60Hz (Option) Cycle Machine: Single Phase AC 220V/32A 50Hz (Option)</b>
<b>Air Supply Requirements</b>	<b>Compressed Air: 0.55MPa If using a dryer, compressed air: 0.7Mpa</b>
<b>Dimension and weight</b>	<b>Handler: 2300(W)×1800(D)×2300(H) Dryer: 508(W)×165(D)×849(H) *2 Water Cooler: 954(W)×616(D)×1600(H) Cycle Machine: 650(W)×940(D)×1120(H)</b>
	<b>Handler: Approx 2900kg Dryer: Approx 42.5kg*2 Water Cooler: Approx 177kg (Option) Cycle Machine: Approx 300kg (Option)</b>

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