NEOCEED-9816 Tri-temp Tube Type PnP Handler

Product Features:

1. **Full Hot & Cold Temperature Coverage**
   - Wide temperature range from deep cold to extreme high temperature testing.
2. **Advanced Thermal Management System**
   - Integrated refrigerant cooling and multi-stage heating architecture.
3. **Reliability & Characterization Focus**
   - Includes suppressive power specifications, ESD control, and thermal accuracy data.
4. **High-Infrastructure Capability**
   - Designed for complex facility integration including chillers, water cooling, and higher airflow.
5. **Multi-Mode Operating Flexibility**
   - Supports multiple operating modes for production, exercise, and dry-run testing.

Basic Specifications	
Model	**Neoceed-9816**
Package Type	**DFP, TSSOP, SO, SOP, DSO, TO, etc.**
Package Size – Length	**Length: 3 mm to 18 mm** **Width: 7 mm to 40 mm**
UPH	**Ambient: Max. 8K** **Hot / Cold: Max. 8K**
Jam Rate	**≤ 1 / 10,000**
Contact Force	**Max. 240 kg (Optional 480 kg)**
Test Area	**344 mm × 150 mm**
Chiller	**EIGER-2101**
Temperature control fluctuation and accuracy	**−55 °C to +155 °C (±3 °C), Accuracy ±1 °C**
Suppressive Ability	**Contact size: 65 mm × 65 mm** **250 W @ −55 °C ±3 °C** **1050 W @ 25 °C ±3 °C** **1550 W @ 125 °C ±3 °C**
Loader & Unloader	**Tube IN ×1, Tube OUT ×1, Fix Tube ×8**
Number of Bining	**16 bins**
Heating Method	**Hot plate + Test arm + Shuttle**
Cooling Mode	**Refrigerant**
Heating / Cooling Rate	**25 °C → −55 °C: < 25 min** **25 °C → 155 °C: < 25 min**
ESD Protection	**Ionizer: 1000 V → 100 V in 5 sec** **Balance <±20 V**
Communication Interface	**GPIB / TTL (Optional) / RS232 / Network**

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Operating Mode	**Normal mode, Exercise mode, Dry Run Mode 1, Dry Run Mode 2**
Conversion Time	**Approx. < 30 min**
MTBA	**60 mins**
MTBF	**168 hrs**
Power Supply – Handler	**1. Handler: Three-phase 380 V, 50/60 Hz, 63A ×2 2. Dryer: Single-phase 220 V, 50/60 Hz, 5A 3. Water Cooler: Three-phase 380 V, 50/60 Hz, 20A (Optional) 4. Hot and Cold Cycle Machine: Single-phase 220 V, 50/60 Hz, 32A (Optional)**
Handler Air Source Requirement	**Working Pressure: > 0.55 Mpa Flow rate: > 1200 L/min Pipe Joint: 12 mm Quick Plug ×5**
Facility Water Requirement	**Pipe Joint: Rc1/2 external thread Water Flow: 100 L/min Water Pressure: 0.2–0.4 Mpa Water Temp: 13–28 °C Heat Dissipation: 28 kW**
Hot & Cold Cycle Machine (Optional)	**Working Pressure: > 0.55 Mpa Rate of Flow: > 600 L/min Pipe Joint: 12 mm Quick Plug ×1**