

GF-125 Five Zone Benchtop Re-flow Oven



Brand: DDM Novastar
Product Code: 013803049541
Availability: In Stock
Weight: 0.00kg
Dimensions: 2,133.00mm x 813.00mm x 508.00mm

Short Description

5 zone horizontal convection PCB re-flow oven with 56" (1423 mm) long heating tunnel for medium-volume or high-mix assembly.

NEW PRODUCT

Description

Convection re-flow oven for PCBs with 5 zones on top and five bottom vertical heating zones, the NEW GF-125 HC/HT is an economic solution for automatic medium volume production runs. Utilizing horizontal convection heating technology, the GF-125 HC/HT provides uniform temperature profiling across the entire PCB board for enhanced SMT process control. With temperatures up to 400°C, the GF-125 horizontal convection re-flow oven is capable of lead-free soldering.

The GF-12/120/125 series heating profiles are superior to other ovens in their class. Each of the vertical heating zones is programmable through the controller which stores up to 100 profiles. The oven includes a real-time temperature profiler port. When a thermocouple is attached to the PCB board, the actual board level temperature profile is displayed graphically as the board travels through the oven. The conveyor speed, heating elements, cyclonic generators and cooling fans are all programmable so the unit is ideal for high-mix PCB manufacturing runs. The oven also features SPC fault monitoring & reporting, battery backup and a 7 day timer for automatic machine start-up.

- 5 vertical heating zones plus 1 cooling zone

- Low mass 12" wide stainless steel mesh conveyor
- Stainless steel chambers
- Viewing window with lighted interior
- Two port built-in profiler with unlimited storage
- Laptop included for easy & flexible programming control
- Real time graphic temperature profiler
- Status light tower, edge rail conveyor and nitrogen gas inerting options
- Re-flow oven is Lead and Lead-free compatible
- PLUS, DDM is a true re-flow oven manufacturer, customizing systems and still selling parts for 30-year-old units – not just a reseller.

Specification

| Re-flow Ovens | |
|-------------------------|---|
| Conveyor Extensions | Yes |
| Cooling Station(s) | 1 |
| Cooling Zone Venting | 2 |
| Cyclonics™ (forced air) | 10 |
| Heat Tunnel Length | 56" (1423 mm) |
| Heating Zones | 5 top, 5 bottom |
| Max Board Height | 1.375" (35 mm) |
| Max Board Width | 12" (304 mm) |
| Max Temperature | 400°C (752°F) |
| Nitrogen Option | Option |
| Overall Dimensions | 84" (2133 mm) x 33" (813 mm) x 20" (508 mm) |
| PC Interface | Standard |
| Venting | 2 102 mm (4") dia. flanges |