

# GF-12HT Benchtop Re-flow Oven



**Brand:** DDM Novastar  
**Product Code:** 013803049541  
**Availability:** In Stock  
**Weight:** 0.00kg  
**Dimensions:** 990.00mm x 813.00mm x 483.00mm

## Short Description

Benchtop conveyor re-flow oven for low to medium volume lead-free assembly with option for Nitrogen Inert Gas. High temperature model enables lead-free re-flow soldering.

## Description

Re-flow oven utilizing our 100% patented forced air Horizontal Convection™ Heating technology provides for greater thermal uniformity and process control. The GF-12HT is lead free compatible for RoHS compliant soldering and has an option for a computer control interface. The temperature profiling accessory kit includes all the accessories you need to profile PC boards through your re-flow oven. It is compatible with any ovens or profiling systems which use standard K-type thermocouples. With all the options combined with the low benchtop re-flow oven price, it is perfect for lab use or backup prototype production .

With this model there is an option to have a nitrogen re-flow oven with the nitrogen gas inerting feature. With the isolated chamber design (re-circulation of atmosphere within 3 re-flow zones) low oxygen levels are maintained while conserving nitrogen consumption. The advantages are: decreased wetting angle, increased flux efficiency, enhanced fine pitch solder fillets, and improved surface finish of solder joints.

- 100 menu profile storage
- Lead-free solder re-flow capable with max. 350°C temperature
- System will handle board sizes up to 12" (305 mm) width
- Real time graphic temperature profiler to assist in profiling of board

- 26" (660 mm) long heating tunnel
- Nitrogen gas inerting option available
- Compatible with Lead and Lead-free re-flow applications

## Specification

Re-flow Ovens	
Conveyor Extensions	Option
Cooling Station(s)	1
Cooling Zone Venting	N/A
Cyclonics™ (forced air)	6
Heat Tunnel Length	26" (660 mm)
Heating Zones	3 top, 3 bottom
Max Board Height	1.375" (35 mm)
Max Board Width	12" (305 mm)
Max Temperature	350°C (662°F)
Nitrogen Option	Yes
Overall Dimensions	39" x 32" x 19" (990 mm x 813 mm x 483 mm)
PC Interface	Option
Venting	4" flange, 100 CFM max