

# 1800HT Conveyor Reflow Oven



**Brand:** DDM Novastar  
**Product Code:** 013803049541  
**Availability:** In Stock  
**Weight:** 0.00kg  
**Dimensions:** 2,388.00mm x 1,092.00mm x 1,270.00mm

## Short Description

Conveyor re-flow solder oven with 50" (1270 mm) long heating tunnel for low to medium volume surface mount assembly.

## Description

Re-flow oven with 4 heating zones and 18" (457 mm) wide conveyor for low to medium volume soldering production runs. The 1800HT solder re-flow oven utilizes our patented Horizontal Convection® heating technology for extremely uniform temperature profiling across the board for enhanced re-flow surface-mount process control. Units available with a maximum temperature of 400°C (752°F) and can be used for lead or lead-free solder applications.

The ProcessSentry™ microprocessor control is the brain of this re-flow oven. All parameters are set and displayed in real time. The ProcessSentry™ is sophisticated yet clear and straightforward. Programming is intuitive and operation is truly user-friendly. The system provides unrivaled accuracy and repeatability while assuring safety and reliability. Also, a PC interface is optionally available.

- 4 vertical heating zones plus cooling zone.
- Low mass 18" (457 mm) wide stainless steel conveyor
- Status light tower included
- Easy lift clamshell hood design with gas strut assist
- Edge rail conveyor option available
- Real time graphic temperature profiler to assist in profiling of board
- PC interface software optionally available

- Nitrogen gas (N2) inerting option available
- Re-flow oven is Lead and Lead-free compatible
- Custom options, systems. and parts are available.

## Specification

Re-flow Ovens	
Conveyor Extensions	Option
Cooling Station(s)	2
Cooling Zone Venting	4
Cyclonics™ (forced air)	8
Heat Tunnel Length	50" (1250 mm)
Heating Zones	4 top, 4 bottom
Max Board Height	1.375" (35 mm)
Max Board Width	18" (457 mm)
Max Temperature	400°C (752°F)
Nitrogen Option	Yes
Overall Dimensions	94" x 43" x 50" (2388 mm x 1092 mm x 1270 mm)
PC Interface	Included
Venting	2 4" (102 mm) dia. flanges, 250 CFM (425 m3/h) each