

# 2000HT Conveyor Reflow Oven



**Brand:** DDM Novastar

**Product Code:** 013803049541

**Availability:** In Stock

**Weight:** 0.00kg

**Dimensions:** 3,099.00mm x 1,168.00mm x 1,270.00mm

## Short Description

6 heating zone conveyor re-flow oven with 72" (1829 mm) long heating tunnel for low to medium volume soldering of SMDs.

## Description

Higher throughput SMT re-flow oven with 20" (508 mm) wide conveyor for production runs. The 2000HT hot-air re-flow system utilizes our patented Horizontal Convection Heating technology with digital temperature controls for extremely uniform air circulation and temperature profiling across the board – providing enhanced process control. The soldering does not exceed limits across the board so every SMD is protected.

The unit is available with maximum heating temperature of 250°C (482°F) for lead solder or hotter 400°C (752°F) for lead-free solder operation.

The ProcessSentry™ microprocessor control is the brain of DDM Novastar ovens. All parameters are set and displayed in real time. The ProcessSentry™ is sophisticated yet clear and straightforward. Programming is intuitive and operation is very user-friendly. The system provides unrivaled accuracy and repeatability while assuring safety and reliability and it interfaces with a PC as an option.

- 6 vertical heating zones plus cooling zone.
- High temperature re-flow up to 400°C (752°F)
- Low mass 20" (508 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 inerting option available
- Re-flow oven is lead and lead-free compatible

## Specification

Re-flow Ovens	
Conveyor Extensions	Option
Cooling Station(s)	4
Cooling Zone Venting	4
Cyclonics™ (forced air)	12
Heat Tunnel Length	72" (1829 mm)
Heating Zones	6 top, 6 bottom
Max Board Height	1.375" (35 mm)
Max Board Width	20" (508 mm)
Max Temperature	400°C (752°F)
Nitrogen Option	Yes
Overall Dimensions	122" x 46" x 50" (3099 mm x 1168 mm x 1270 mm)
PC Interface	Included
Venting	3 4" (102 mm) dia. flanges, 200 CFM (340 m <sup>3</sup> /h) each