

400ST Rework and Scavenger System

400ST

Automatic Through-Hole Rework System

The VJ Electronix 400ST provides a controlled convective heating process for the rework of Through Hole devices. Convection eliminates copper dissolution issues associated with typical liquid solder fountain rework.

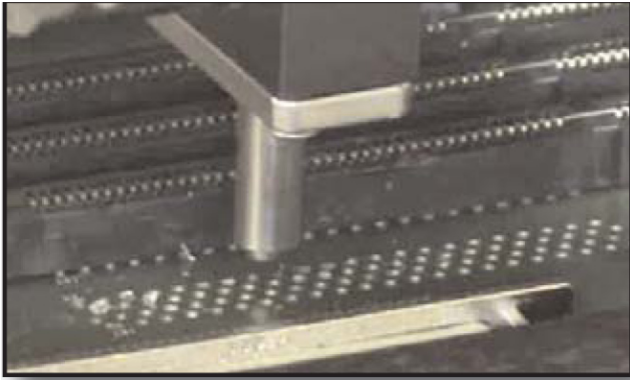
VJ's Triple Stage Heating technology, provides safe operation with no operator risk of molten solder splash. The 400ST facilitates component removal, site dressing and component replacement on all board types including large and high mass boards. Infrared bottom area heating preheats to minimize thermal stress. Localized closed-loop top and bottom convection heating provides safe, reliable Through Hole Rework.

Key Features

DHS Scavenger	Air or N ₂
Heating Power	4.6kW
Automated X-Y Motion	Up to 8" (200mm) square
Max. Board Size	20"X18" (508mmX457mm)
Footprint	28"X28" (700mm) square
Compliance	CE mark / Lead-Free Capable



**Avoid Damage to Copper Barrels
with Automated Convection Rework**



DIMM Connector Solder Removal

The 400ST evacuates residual solder for component replacement using VJ's automated Dynamic Height Sensing (DHS) Solder Scavenger. Motorized X, Y, and Z motion assures consistent results while eliminating risk of excessive thermal exposure.

The 400ST's small footprint and economic price point make the system an ideal solution for both, high mix and large volume environments. Using VJ's renowned SierraMate® Rework software, operation and process development are fast and easy.

A member of the 400 series, the 400ST accommodates large boards while occupying a very small space. The 400ST Through-Hole Rework System is a viable and safe alternative to liquid soldering systems. Requiring only a 208/230 VAC supply and low volume compressed Air or Nitrogen, the system is effectively "Plug and Play" and is easily installed in any convenient work place. The 400ST is the copper dissolution solution!

VJ Technologies Offices

VJ Electronix
234 Taylor Street
Littleton MA 01460

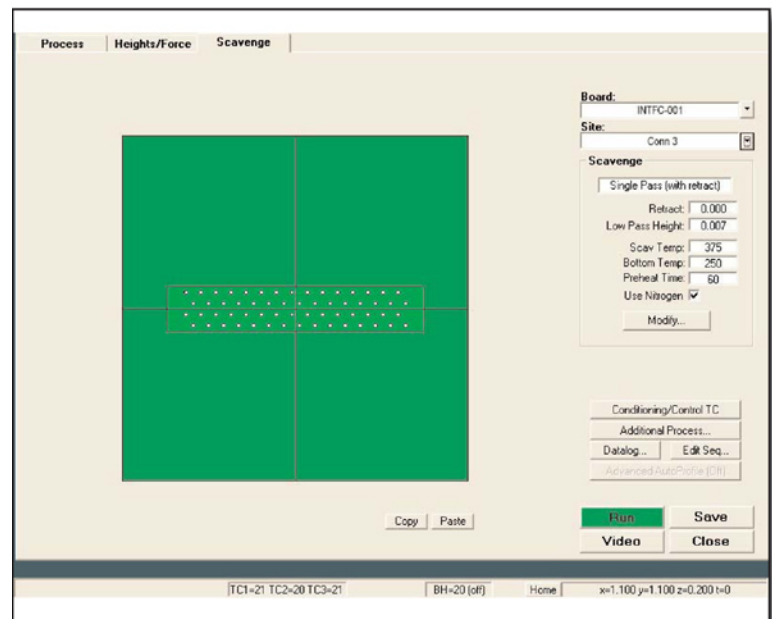
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www.vjelectronix.com

Email electronixsales@vjt.com

Tel +1 631 589 8800 x1247

Fax +1 978 486 4550



SierraMate™ Scavenger Set-up



Because Performance Matters!