
**400R Rework System**

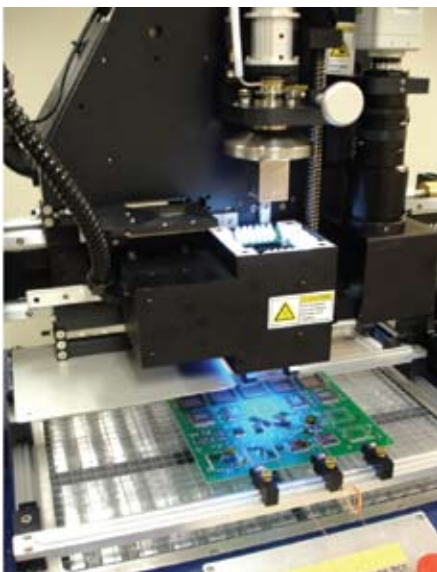
## 400R

### Semi-Automatic Rework System

The VJ Technologies 400R Semi-Automatic Rework system is a high value flexible machine with a small foot-print. The 400R is designed to rework BGA,  $\mu$ BGA and other SMT assemblies. The 400R is "production ready" with many advanced features.

With systems installed world-wide, the 400R is designed to address your most demanding rework needs. The robust X/Y gantry system provides an exceptionally stable platform.

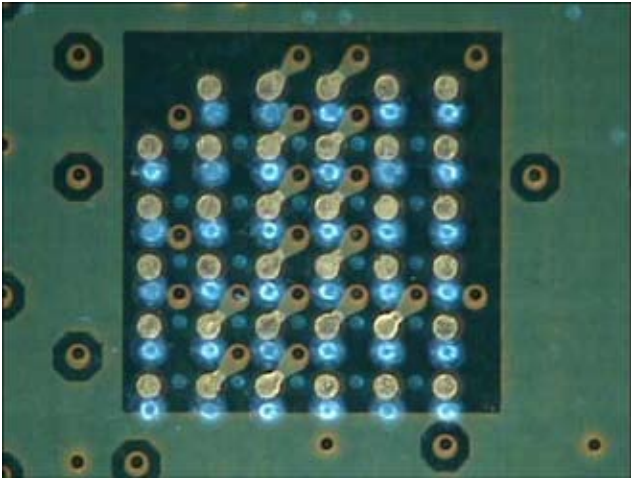
The 400R utilizes cost effective innovative technology to meet production needs. The X and Y slides allow for repeatable and fast positioning while allowing the target assembly to remain stationary. The integrated Automatic Z motion and High Resolution vision system provides precise positioning of components.


**BGA Rework**


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#### Key Features

<b>Placement</b>	0.002" (50 $\mu$ ) mean + 3 $\sigma$
<b>Heating Power</b>	5.0kW
<b>Heating Control</b>	Two-zone bottom heating
<b>Footprint</b>	28"X28" (700mm) Square
<b>Max. Board Size</b>	20"X18" (508mm X 457mm)
<b>Max. Field of View</b>	50mm (2")
<b>Compliance</b>	CE mark / Lead-Free Capable



**400R Imaging and Alignment**

The Auto-Profile software allows fast automatic profile generation for Lead Free and Sn/Pb devices. The teach mode enables users to customize and characterize profiles as needed. The high density IR bottom heater provides precise uniform temperature across the entire board surface. Programmable gas flow through the top heater allows the user to tune thermal profiles.

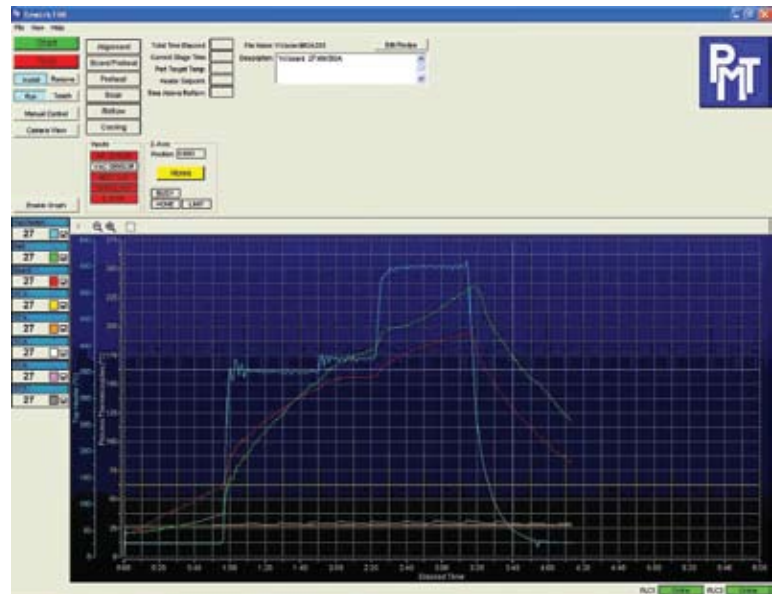
The control system features an easy to use graphical user interface with rugged industrial I/O modules and ethernet connectivity. A performance PC with Windows™ is integrated for unlimited recipe storage and advanced, automatic profiling capabilities.

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**PMT Graphical User Interface**

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