



providing world-class leak test and assembly verification solutions

## GAS FURNACE LEAK TEST AND VISION INSPECTION

### Market driver:

A high-efficiency design heat exchanger used a new crimp seal design to reduce cost and warranty returns.

### Test requirement:

Leak test all the crimp seal joints and verify the presence of all connection screws .

### CTS Solution:

A manually loaded and unloaded custom test stand automatically seals on the heat exchanger base for the leak test. A vision system verifies the presence of all connection screws. All the test data is collected and stored with a barcode scan data for each part.

