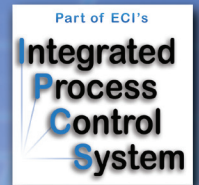# AutoTest™
Automated Performance Verification

ECI's AutoTest™ computer-based performance verification stations have been developed for a number of products, including refrigerators, air conditioners, furnaces, washers and dryers. A computer-controlled sequence of operation eliminates operator dependency. All collected data is automatically written to the database per serial number. Highly reliable, entirely adaptable, this station is custom-built from design to installation to test all the functions of your unit.

Software Highlights:

- Global parameter/procedure manipulation
- Ambient temperature compensation
- Total unit production rate monitoring
  - Repair code entry after unit failure
  - Trend data
  - Local/network operation
  - Consistent plant wide interface

Options:

- Touch screen monitor
- Custom unit connections
- Cordless or fixed bar code scanner
- Key component verification
- Customer specified PC

Typical Tests:

- Hipot • Ground bond • Low voltage start
- Ground continuity • Compressor overload
- Starting and run current • Gas flow rate
- Unit voltage, current and power • Vibration
- Suction and discharge pressures
- Cooling/heating temperatures
- Individual component current
- Wiring harness verification
- Microcompressor controls
- 24 VAC winding check
- 4-way valve operation

Features & Advantages:

- Customizable hardware layout/connection design
- Programmable test parameters by model numbers
- Data automatically logged by model/serial number
- Displays average cycle time and quantity of units
- Manual screen for control of I/O for troubleshooting
- Real time display or graph of all process variables
- Runs on network or local drive for 100% uptime
- Computer controlled sequence of operations
- Microsoft® SQL Server® database
- Calibration software included
- Windows® platform

ECI