

LeakProof™ of FTM

Coil Integrity & Helium Leak Testing

Your goal is to find and repair leaks prior to the evacuation and charge process, eliminating the costly rework and the compromised quality that comes from repairing a leak in a charged unit. LeakProof™, ECI's Integrity and Helium Leak Testing Module, is located immediately after the assembly and brazing of the refrigeration circuit. These stations may also be located in coil sub-assembly areas. LeakProof's sequence of operation is computer-controlled, its parameters are model specific, and it satisfies the requirements of "UL".



Advantages:

- Performs multiple tests in one convenient hook-up
- Verifies coil integrity prior to evacuation and charging, saving costly reworks
- Increased quality containment for greater customer satisfaction
- Satisfies UL burst test safety requirements
- Integrates with ECI's Brazer Performance Tracking System to qualify/disqualify brazers

Features:

- Tests performed: pressure decay, UL burst, helium leak, and restriction test
- Programmable test parameters
- Calibration verification schedule of Inficon™ mass spectrometer is computer mandated
- Integrated operator protection features
- Displays average cycle time and quantity of units through the station
- Manual screen for maintenance control of I/O to aid in troubleshooting
- Interlocks prohibit failed or untested units from cycling at subsequent ECI IPCS stations
- Runs on network or local drive for 100% uptime
- Microsoft® SQL Server® database

Options:

- Touch screen monitor
- Custom unit connections
- Cordless bar code scanner
- Capable of scanning key components
- Customer specified PC
- Integrates with customer specified mass spectrometer
- Customizable hardware

Services Required:

- Electric: 110V, 15A service
- Adequate leak test gas pressure
- Plant Air

