

OneStop™

Customized Solutions



As a customized-solutions provider, we have the unique ability to combine two or more IPCS modules into a single process station. There are several reasons why a manufacturer may choose this method over separate stations: to save floor-space, to use one PC and scanner, for repair areas and special precessing needs, or to reduce labor costs.



Options:

- Touch screen monitor
- Custom configurations
- Cordless or fixed bar code scanner
- Customer specified PC

Samples:

By combining Evac/Charge/Run Test/Refrigerant Reclaim (pictured above) a single computer controls the following sequence of operation:

- Hook-up and scan model/serial number
- Evac to pre-determined pressure level
- Automatically perform vacuum decay check
- Charge refrigerant (100% of capacity)
- Perform Hipot test
- Perform functional test with evaporator
- Reclaim refrigerant into condenser to specified holding charge pressure
- Reclaim remaining refrigerant into reclamation system
- Record all collected data to Microsoft® SQL Server® database

Benefits:

- Save floor-space
- Use one PC and scanner
- Repair areas—for example, combining helium leak test and evac/charge allows units to bypass these stations when re-entered on the assembly line
- One operator manages multiple processes simultaneously
- Special processing needs—some manufacturing processes require combining stations

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