

DataTest Station

DATATEST NH 150

These systems provide a wide range of leak testing options in an automated, PLC controlled test cycle. Test options can include:

- Proof / pressure test
- Pressure decay test
- Capillary flow test
- Helium leak test

These test can be configured and automatically sequenced to provide a comprehensive, efficient leak testing process.

Attaching DataServ 3.0 to this test process can create a very effective tool to monitor , record, and improve your process and product quality. DataServ 3.0 provides a detailed operator interface, a process analysis tool, test result storage and retrieval, communication with upper level process scheduling systems, maintenance support, and remote intranet / internet access.

These systems can operate from a local test gas supply or in conjunction with our centralized Helium Recovery and Recycle System.



DataTest Station Screenshot



DataTest Helium Leak Test Station



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Product Detail

STANDARD FEATURES:

- Allen Bradley PLC and PanelView® O/I
- Dell PC with Windows®, with a 19" flat screen LCD
- DataServ 3.0 web enabled process configuration and report generation software
- Hand-held CCD or RF bar code scanner
- Industrial service control valves
- Ventori vacuum pump
- English or Spanish display
- Automatic leak testing cycle can include:
 - Proof pressure test
 - Pressure decay test
 - Capillary flow test (optional)
 - Helium or Hydrogen leak test
 - Water line flow test (optional)
 - Test gas vent (recovery optional)
 - Final evacuation

DIMENSIONS:

63"H x 36"W x 24"D

WEIGHT:

300 lbs.

UTILITY REQUIREMENTS:

Electric: 120V, 20A

Nitrogen: Pressurized supply to meet pressure test requirements

Helium: Pressurized supply to meet volume requirements

Air: 80 psig shop air

TYPICAL DATA RECORDED:

- Product Model Number
- Product Serial Number
- Product Description
- Process Start Date
- Process Start Time
- Process End Date
- Process End Time
- Process Completed (True or False)
- Process Rejected (True or False)
- Operator Number
- Nitrogen Fill Pressure and Time
- Dry air Fill Pressure and Time
- Nitrogen Pressure Decay Level and Time
- Dry air Pressure Decay Level and Time
- Rough evacuation Level and Time
- Helium Fill Pressure and Time
- Helium Leak Locations
- Final Vacuum Level and Time
- Total Cycle Time
- Completion or Error Code
- Reject Data
- Total Units Processed to date.