

Data Sheet

AIRTECH VACUUM TEST UNIT

■ DESCRIPTION

The Airtech Vacuum Test Unit is used to test the vacuum integrity of all Airtech vacuum hoses and valves as well as the quick disconnect couplings attached to these hoses and valves. Simply connect the Airtech Vacuum Test Unit to a vacuum source and use the isolation valve and the vacuum gauges to perform a vacuum drop test on the attached components to be tested.

The Airtech Vacuum Test Unit is a compact, lightweight and easy-to-use device which can be used to test in-service equipment or to check equipment which has undergone maintenance like seal replacements on vacuum valves or end fitting replacements on vacuum hoses.

■ BENEFITS

- Save time loading autoclaves with prechecked hoses.
- Avoid scrap and part rework due to vacuum loss from leaky hoses.
- Pretest your vacuum valves and reduce time spent leak checking.

■ TECHNICAL DATA

Hose connection	2 x quick disconnect plugs included
Vacuum valve tester	1 x vacuum diaphragm
Vacuum control	2 x valve for circuit isolation under vacuum
Measuring device	2 x Airtech Vac Gauge 30 installed as standard
Vacuum gauge connection	1/4 inch NPT
Housing material	Steel

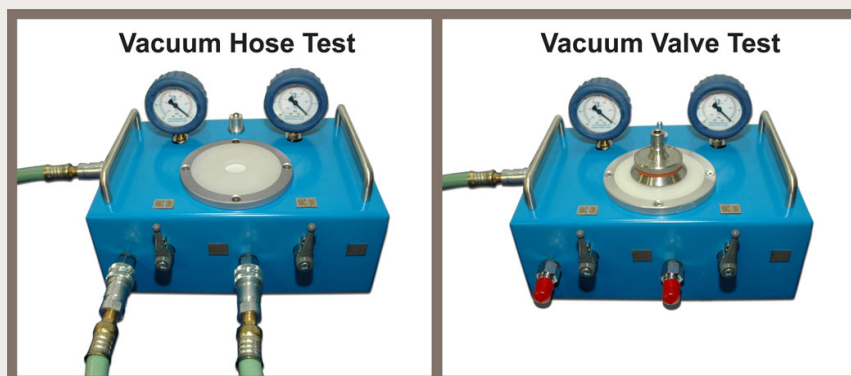
■ VACUUM LEAKAGE TEST METHOD

Vacuum hose test

- Attach both ends of hose equipped with a female quick disconnect to the plugs.
- Apply vacuum with an external source then isolate with valve on left side of the device.
- Vacuum drop on gauge installed on the left side of the device shows leakage in the vacuum hose.

Vacuum valve test

- Place vacuum valve onto seal diaphragm within the base plate.
- Apply vacuum with an external source then isolate with valve on right side of the device.
- Vacuum drop on gauge installed on the right side of the device shows leakage in the vacuum valve.



■ NOTES

- All end fittings are 100% vacuum tested after assembly.
- Instructions included with shipment.
- Vacuum test unit can be fitted with either Vac Gauge 30 or Vac Gauge 40D, please specify at time of order.
- Watch a demo video of Airtech Vacuum Test Unit in the "Media Centre" of our website.

Last updated : 2016-04-21

Catalogue position : [Vacuum valves and hoses](#)