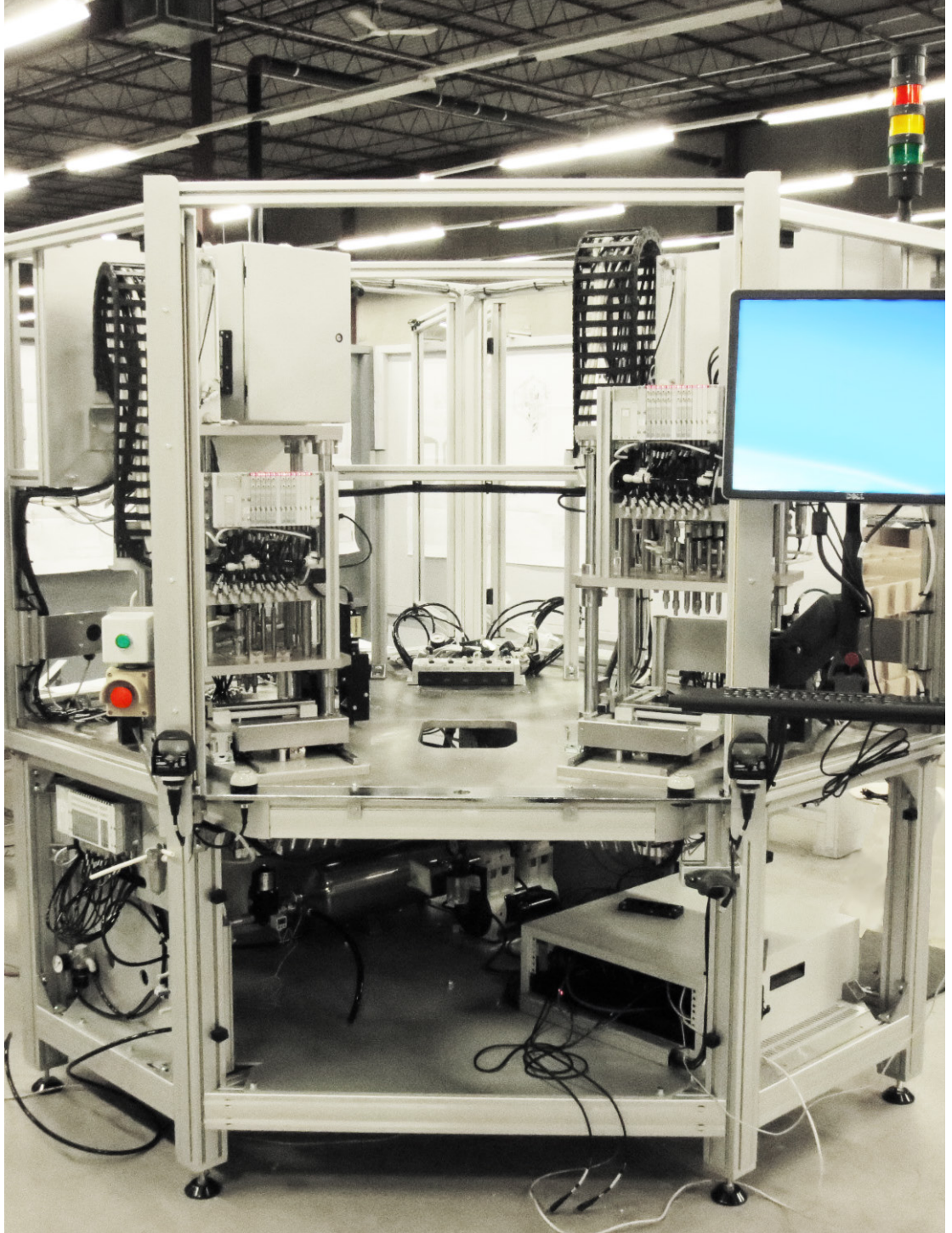


# Automation Product

**Pressure & Vacuum  
Decay Leak Testing**



# Pressure & Vacuum Decay Leak Testing

## Description

ATS Test offers a superior solution for decay style leak testing. Component selection as well as system and tooling design are essential elements and ATS has the experience and expertise required.

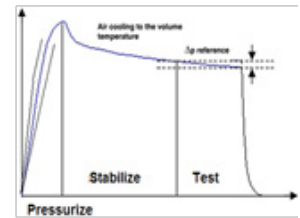
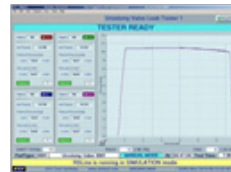
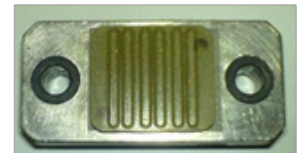
Pressurize, Stabilize and Test are classic test parameters for a pressure/vacuum decay test. Signature Analysis Tools used during first 250 milliseconds can provide predictive results with a high degree of confidence for demanding cycle times.

A Custom Leak Test Manifold Integrated directly into the leak Test Nest will provide a low test volume design with a thermally stable plastic to provide a more repeatable and reliable test.

Custom and high risk test Seals are part of ATS's advantage. This over molded assembly was developed for leak test sealing of 6 individual print head die in a 10mmX10mm area.

## Our Expertise Includes

- Vacuum Decay
- Pressure Decay
- Pressure/Flow Signature Analysis
- High Speed Data acquisition
- Custom Seal Capabilities
- Standard test manifold designs



## Specifications

- Single-source 100% custom test solutions from standard designs
- Full functional EOL or in-process verification/calibration/durability
- Integrated birth history/traceability/ configuration/SPC archiving capabilities
- Optimize test cycle time with minimum fixtures to maximize ROI

Contact ATS directly for application review or for product specific applications beyond the scope of this document.



A U T O M A T I O N

Tel: 1-(905)-850-8600 ext. 83279

Fax: 1-(905)-850-9336

Send e-mail to: [atstest@atsautomation.com](mailto:atstest@atsautomation.com)

or visit our web site at: [www.atsautomation.com](http://www.atsautomation.com)

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