

Leak and Flow Testing Solutions by AGT and ForTest

AGT as the North American Distributor for ForTest, offers an extensive range of Leak & Flow Testing products. These products are designed to meet the diverse needs of the Global Automotive, Medical, Consumer Products, and Aerospace Industries. ForTest's established product line includes solutions for both basic and advanced testing requirements, utilizing innovative technologies to ensure precise and reliable results.



Established ForTest Products

ForTest's product range encompasses “Basic Absolute” Pressure Decay Leak Testing, “Advanced Absolute” Pressure Decay Leak Testing, “Advanced Differential” Pressure Decay Leak Testing (using a reference volume), and a “Flow Testing” System.

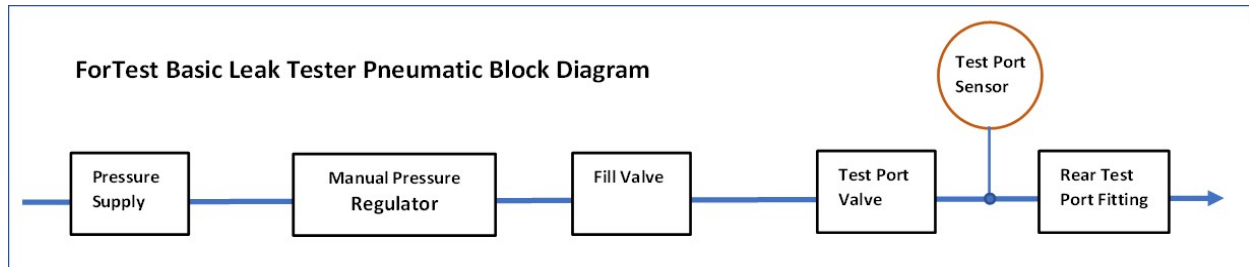
The “Advanced Dual Absolute” Pressure Decay Leak Test System represents the latest innovation from ForTest. This system employs a reference volume but maintains efficiency with two pneumatic circuits, ensuring stable readings throughout cyclic operations.

AGT leverages its expertise to guide clients towards the optimal leak test solution, tailored to specific application requirements. These systems feature high-quality, zero-leak valves, offering robustness and durability across various configurations to suit different application needs.

“Basic” Absolute Pressure Decay Leak Testing

Features:

- Manual Pressure Regulation
- Multiple Programs for varying parts
- Testing Sequence: Fill to Test Pressure, Stabilize, Measure Absolute Pressure Decay, and calculate calibrated leak rate
- Data Collection by Serial Number, compatible with PC or PLC (optional Field buses)

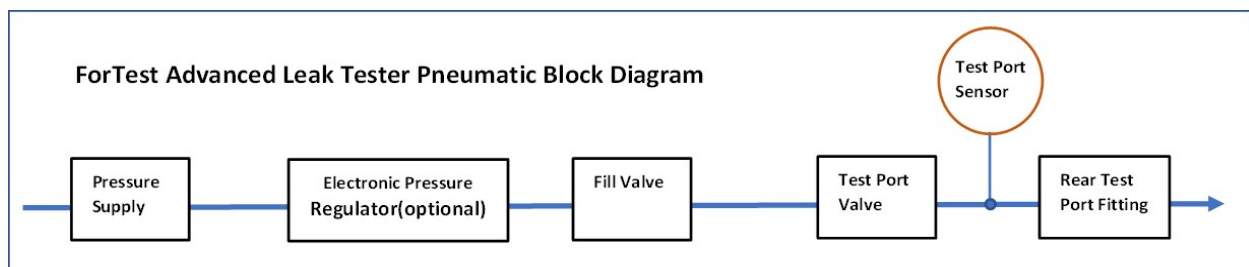


https://www.atech.ca/Product/Series/2568/T6990_Basic_Absolute_Pressure_Decay_Leak_Testing/?tab=1

“Advanced” Absolute Pressure Decay Leak Testing

Features:

- Electronically Controlled Pressure Regulation
- Multiple Programs for varying parts and pressures
- Testing Sequence: Pre-Fill Pressure, Reduce to Test Pressure, Stabilize, Measure Absolute Pressure Decay
- Data Collection by Serial Number, supported by PC or PLC (optional Field buses - Ethernet IP, etc.)



https://www.atech.ca/Product/Series/2569/T8990_Advanced_Absolute_Pressure_Decay_Leak_Testing/?tab=1

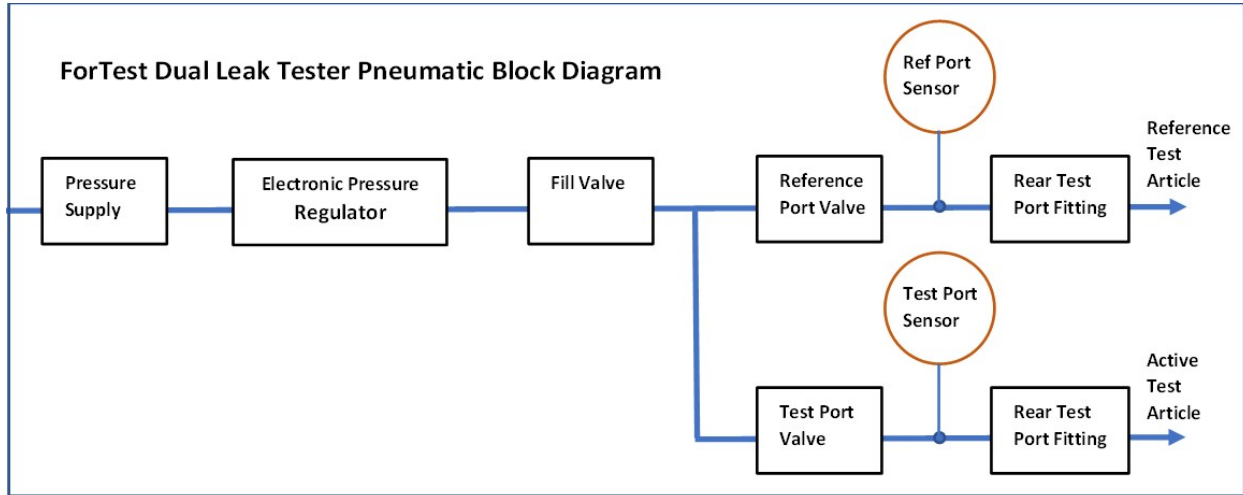
“Dual” Absolute Pressure Decay Leak Testing

The introduction of the “Dual” Absolute Pressure Decay Leak Testing system marks a significant leap forward, combining the simplicity of classic absolute decay systems with the precision and sensitivity of differential systems. ForTest's innovative Dual Absolute technology overcomes the limitations of traditional differential testing by utilizing new algorithms and measurement hardware. This approach eliminates common issues such as stabilization discrepancies between the test part and the reference sample.

Features:

- Electronically Controlled Pressure Regulation
- Multiple Programs for different parts, with customizable pressures
- Sequence: Pre-Fill Pressure, Reduce to Test Pressure, Stabilize, Measure Absolute Pressure Decay
- Dual Port for Testing Article and Reference Volume
- Data Collection by Serial Number, via PC or PLC (optional Field buses, Ethernet IP, etc.)

This system's ability to operate in Pure Differential, Dual Absolute, and Central Zero modes—particularly the “Zero Center” technology—allows for simultaneous testing of two components, doubling productivity. The “Dual” Absolute Pressure Decay Leak Testing system embodies ForTest's commitment to innovation, providing unparalleled accuracy and efficiency in leak detection.



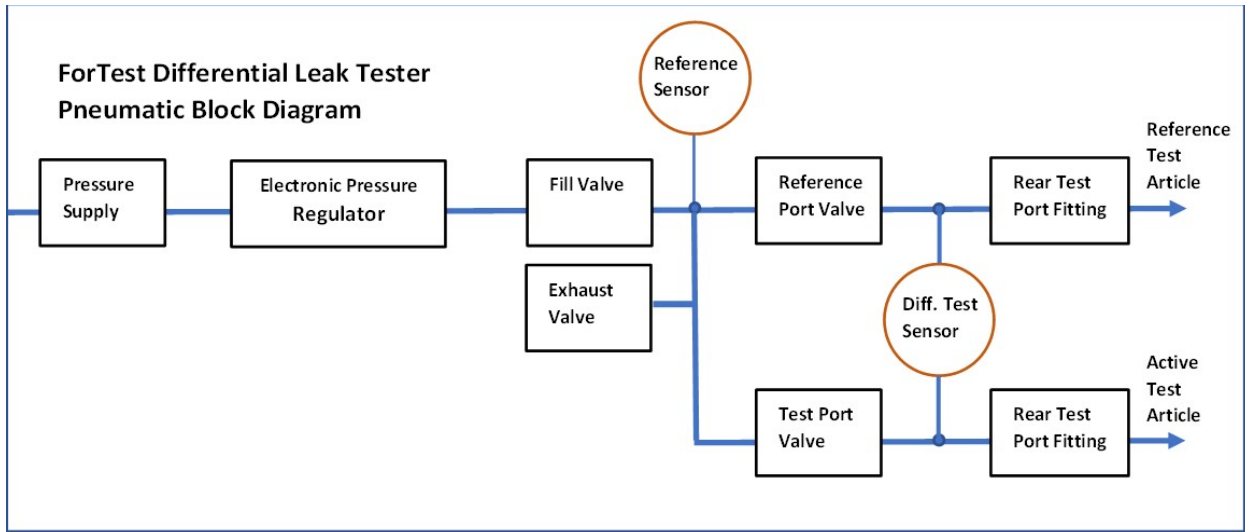
https://www.atech.ca/Product/Series/2570/T8090_Dual_Absolute_Pressure_Decay_Leak_Testing/?tab=1

“Advanced” Differential Pressure Decay Leak Testing, Using a Reference Volume

Features:

- Electronically Controlled Pressure Regulation
- Multiple Programs for varying parts and pressures
- Testing Sequence: Pre-Fill to Balance Pressure, Reduce to Balanced Test Pressure, Stabilize, Measure Differential Pressure Decay
- Dual Ports for Test Article and Reference Volume
- Data Collection by Serial Number, compatible with PC or PLC (optional Field buses, Ethernet IP, etc.)

Each of these solutions from ForTest, available through AGT is engineered to offer precise, reliable, and efficient testing for leak and flow analysis, ensuring products meet the highest standards of quality and safety.



https://www.atech.ca/Product/Series/2571/T8060_Advanced_Differential_Pressure_Decay_Leak_Testing_using_a_reference_volume/?tab=1

Application Examples

ForTest Leak testers, utilized across the Automotive, Medical, Consumer Products, and Aerospace Industries, offer a broad spectrum of leak test solutions. Their lineup ranges from cost-effective absolute pressure decay systems to sophisticated high-level Flow testing units. Recent advancements in Leak Test technologies have significantly enhanced the accuracy, speed, and affordability of these solutions. Moreover, the evolution of the Graphical User Interface now features an informative touch screen display that is not only easy to navigate but also simplifies the setup process.



ForTest's solutions are versatile enough to handle a wide array of applications. Whether it's testing miniature Filters & Regulator Valves or conducting extensive evaluations on

large Engine Blocks/Heads and Fuel Cell/Tank systems, ForTest provides both the expertise and the hardware necessary for a comprehensive and robust solution.

ForTest's General Leak Tester Features:

- Measurement resolution of 0.1 Pa, offering high precision.
- Capability to handle test pressures up to 8 Bar.
- Electronic pressure regulation available as an optional feature.
- Durable colour touchscreen interface for enhanced usability.
- An intuitive menu system and PC software for straightforward operation.
- Support for multiple test programs to accommodate various testing needs.
- Sequential test operations for efficient testing processes.
- An onboard USB port for convenient data storage.
- RS232 and RS485 communications support integration with barcode scanners and printers.
- Optional Ethernet IP communications for enhanced connectivity and data exchange.



[T6990 series Pressure Decay Tester](#)



[T8990 series Pressure Decay Tester](#)



[T8700 series Flow Tester](#)

This extensive range of features and capabilities underscores ForTest's commitment to delivering state-of-the-art leak testing solutions, catering to the diverse needs of industries demanding the highest standards of quality and reliability.