

AccuTest System Models



Choose the Right Fit for Your Operations

When it comes to pressure relief valve testing, accuracy isn't optional—it's everything. That's why AccuTEST was built: to give technicians tools that deliver precise, repeatable results while saving time in both the shop and the field.

Trusted by valve service companies and in-house maintenance teams alike, AccuTEST delivers the accuracy, reliability, and efficiency technicians need to keep operations safe and compliant.

Whether you're looking for a cost-effective shop solution or a rugged all-condition performer, AccuTEST has the right model for your operation.



The AccuTEST Advantage:

AccuTEST offers two industry-leading models designed to simplify testing, reduce downtime, and deliver reproducible results that computer-only systems simply can't match

Both of our systems, AccuTEST-SL and AccuTEST-TT, deliver five-star benefits that set our systems apart:

Unmatched Accuracy – Calibrations and fault checks ensure reliable, repeatable results.

Advanced Software – Simplifies setup, operations, reporting, and compliance documentation.

Ease of Use – Portable, technician-friendly design reduces training time and minimizes errors.

In-Line Testing – Test valves under real conditions, without removal or overpressurization.

Reliable Support – Backed by responsive, engineer-led technical support whenever and wherever you need it.

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Two Models, One Standard of Accuracy



AccuTEST-SL | Performance Model

Professional results at an accessible price.

The **AccuTEST-SL** is our Performance Model designed for shops that demand reliable results and simple operation, without unnecessary complexity.

Complete, ready-to-use out of the box

Handles all valve sizes

Ideal for shop-based testing or general-purpose in-line use

Perfect for businesses with price constraints that still demand reliable results

The SL delivers dependable valve testing that keeps your operation competitive—without straining your budget.

Recommended For:

Shops and service providers that need reliable, professional-grade valve testing at an accessible price point. Best suited for general-purpose, in-line testing where simplicity and cost-effectiveness matter most.



AccuTEST-TT | Premium Model

Maximum capability, built for every condition.

The **AccuTEST-TT** builds on the SL and adds premium enhancements for teams that need advanced performance across shop and field environments.

Titanium load frame – lighter, stronger, easier to handle

Automatic load cell ID – eliminates manual input errors

Expanded sensors & detection methods – for greater flexibility on challenging jobs

Toughbook included – rugged computing power on site

Rugged travel case – protects equipment during transport

For crews that face demanding conditions and high-volume workloads, the TT is the ultimate all-in-one solution.

Recommended For:

Teams operating across plants and field sites that require maximum capability, portability, and advanced detection methods. Perfect for demanding environments where versatility and speed are critical.

Choosing the Right Model for Your Operation

So, which model is right for your application? **The AccuTEST-TT includes everything the SL delivers, plus premium upgrades** for demanding environments.

AccuTEST-SL | Performance Model

Ideal for shops and service providers that need reliable, professional-grade valve testing at an accessible price point. Best suited for general-purpose, in-line testing where simplicity and cost-effectiveness matter most.

AccuTEST-TT | Premium Model

Built for teams operating across plants and field sites that require maximum capability, portability, and advanced detection methods. Perfect for demanding environments where versatility and speed are critical.

The Bottom Line

The SL is a dependable, shop-ready performer. The TT is a fully equipped, field-ready solution designed for maximum capability.

AccuTEST System Models – Feature Comparison

Product Feature	SL	TT
Electric Motor for Lifting Force Automatic, controlled lifting force for consistent and reliable set point detection	✓	✓
Electronics Case, Battery Powered Rechargeable battery pack provides a full day of valve testing		✓
Electronics Case, AC Powered Plug into an AC power supply for shop-based operation	✓	
Cable Harness Lightweight, high-temperature cable harness for durability in the field	✓	✓
Steel Load Rig with Iris Clamp Plate High-strength steel frame built for shop use	✓	
Titanium Load Rig with Iris Clamp Plate Titanium frame combines high strength with low weight for portability		✓
Laptop Computer Computer preloaded with the AccuTEST application	Standard	Toughbook
Spindle Adapter Sets Full range of adapters for different valve stem sizes	English or Metric	English & Metric
Load Cell High-precision load cells measure test force; wide range available	✓	✓
Automatic Load Cell Identification The system automatically identifies load cells to reduce operator input errors		✓
Lift and Hold Hold valve spindle at set load for precise leak check		✓
Acoustic Sensor Acoustic set pressure detection method for enhanced accuracy		✓
Pressure Transducer and Cable Direct, in-line pressure measurement with high accuracy	✓	✓
Equipment Travel Case Rugged, padded case with wheels and foam insert for safe transport		✓
Remote Control for Motor Lift/Lower Remote control enables easier valve testing in the field		✓
Report Generator Automated, customizable test reports with permanent data storage	✓	✓
Backpack and Computer Case Convenient carrying solution for technicians on the move		✓

Talk to An Expert →

Why AccuTEST Beats Computer-Only Systems

Computer systems alone can't replicate what AccuTEST delivers. With AccuTEST, you get:

Complete, ready-to-use out of the box

Handles all valve sizes

Ideal for shop-based testing or general-purpose in-line use

Perfect for businesses with price constraints that still demand reliable results

With AccuTEST, you don't just collect data—you gain confidence in every result



Safety Starts With the Right System

Need assistance determining which model is the best fit for your team? Our engineers are ready to help you evaluate your needs and choose the right solution.

Contact us today at info@accutestsystems.com or visit accutestsystems.com to learn more.



Schedule a Meeting with Mateus

