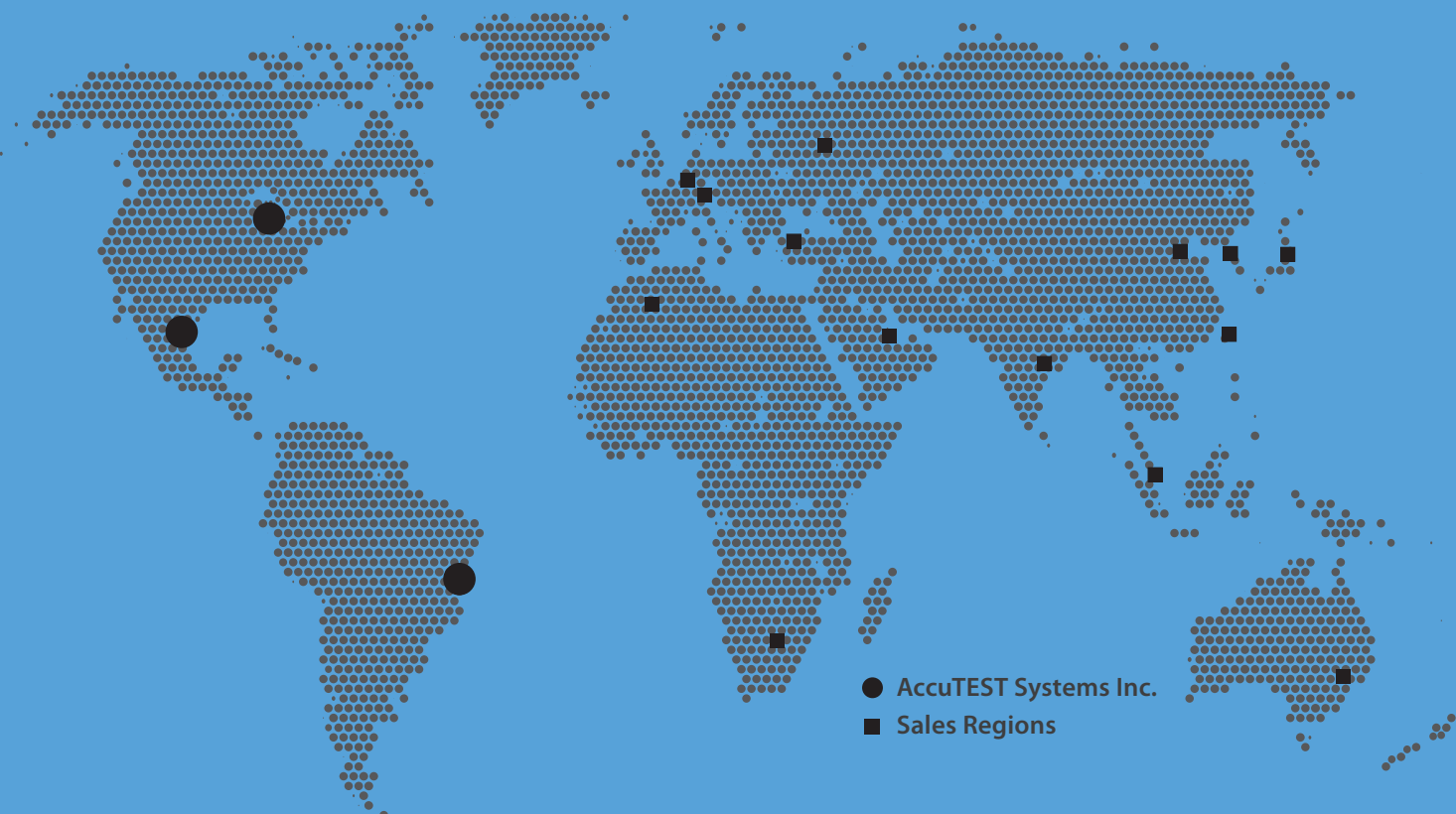


At AccuTEST Systems Inc., we are experts in designing specialized valve-testing systems that utilize our industry-leading, automated lift assist device—for use in the shop or plant, across the valve servicing industry. Developed in our advanced manufacturing facility in the United States, and engineered for everything from general valve testing to the rigorous requirements for intrinsically safe and nuclear environments, our products and results are unsurpassed and guaranteed. Whenever you need us, wherever you are in the world, you can rely on our responsive customer support, problem resolution and extensive on-site training. We focus on ensuring your success and doing things right the first time. It's what we do, and no one in the industry does it better.



# AccuTEST

## Safety Valve Test System



- AccuTEST Systems Inc.
- Sales Regions





# Only one thing is more important than a safety valve. The way you test it.

Safety valves are essential to the protection of lives and property, so regular testing is crucial to ensure that valves are functioning properly. But can you really be sure of the results if the test is not conducted under the stress of everyday conditions? Unsurpassed for accuracy, reliability and safety, the advanced technology of AccuTEST was developed to test safety valves while in position, under a full load, for consistently superior, reproducible results.

Utilizing the industry's most advanced software, this fully automated system virtually eliminates the possibility of human error. From automatic calibration of sensors to output of the final test results, the totally computerized operation delivers superior performance with regard to set-up, ease of use, accuracy and reporting.

Of course, our Safety Valve Test System comes complete with the exceptional and responsive global support and service AccuTEST Systems Inc. is known for. To learn more about the AccuTEST Safety Valve Test System, call +1 616-394-1404 or contact us at [info@accutestsystems.com](mailto:info@accutestsystems.com).



## AccuTEST Safety Valve Test System

### ADVANTAGES

- Universal mounting assembly ensures use on all types of exposed spindle valves, from all major manufacturers. Full range of valve spindle adapter sets available in English or Metric, coarse and fine threads.
- No hydraulics, cylinders or hand jack.
- Totally automated operation produces accurate, consistent, reproducible results within all ASME codes.
- Quickly identifies problem valves; diagnoses incorrect set pressures by measuring lift force, line pressure and acoustic lift signature.
- Works with Windows® 7 on standard laptop computer of your choice. Multilingual capabilities.
- Durable case designed to withstand shipping.
- Titanium and aluminum rig is lightweight and portable. Stored fully assembled in fitted foam case.
- 15.24m (50') control cable connects electronics case to load rig.
- Portable, easy on-site setup.
- Integrated database of valve specifications from all major valve manufacturers.
- Enter new valves into database as needed.
- Eliminates need to overpressurize, take equipment offline or remove welded-in valve.
- Lift force generated by computer-controlled, battery-operated electric motor. Battery life for two days of typical testing.
- Temperature compensated load and pressure sensors provide wide range of valve sizes and line pressures. Standard load rig allows for lift forces up to 4,500 kgs (10,000 lbs).
- One-hand operation for base clamp.
- Redundant hardware and software monitoring protects load cells from overload damage.
- System and sensor calibration services available.
- The AccuTEST offers a wide range of data reporting options and graphical output. Report formats include: test information, test results, valve data (with complete valve history), valve maintenance history and calibration.
- Test files stored permanently in computer for enhanced data management. Immediately track, access and print all information.

