GE Krautkramer
Tanks Lab Series
Clinical inspections. Designed for industry.
geasurement.com
A legacy of innovation.

As the world's digital industrial leader, GE moves industry forward with advanced technology, unprecedented data, and constant innovation. And our long-established family of Krautkramer tanks is no exception.

With the new GE Krautkramer Lab Series (GE KT Lab), industrial tank inspections are simpler and smarter than ever before.

This adaptable ultrasonic immersion tank delivers the highest quality diagnostics for more accurate readings and more proactive decisions—solving inspection needs across a range of industries. It gives users flexibility and control over their processes today, with the ability to adapt tomorrow if those needs change.

Designed for safe & flexible use.

The GE KT Lab Series was strategically designed with efficiency and safety in mind. This automatic ultrasonic C-scan inspection platform is an easy-to-use analytic instrument that minimizes risk and maximizes productivity.

- Top-Notch Protection
  Scan safely and stress-free with Health and Safety features like safety fences, light barriers, and fully enclosed axes and cables.

- Easy Operation
  Combined with many available tools and accessories, such as a remote Pendant, motorized axis, turntable, or rollers, you can operate this system with just the push of a button.

- Durable & Ergonomic Architecture
  Its rugged, stainless steel design withstands heavy use, and its low profile is specifically engineered to streamline the loading and unloading of samples—helping to increase uptime and streamline workflows.

- Modular Construction
  With more combinations of types and sizes available, you get more flexibility than ever before for a range of applications and scanning needs.

Steel & specialty metals

Non-ferrous metals

Aviation

Automotive
Customizable to meet your inspection needs.

With many available accessories and unique software platforms, the Krautkramer tanks can be customized for a wide range of scanning needs.

Pendant HMI
Enables remote system control during manual and maintenance procedures.

Indexable Rollers (RO)
Ideal for cylindrical components.

Turntable (RT)
A motorized tabletop with a manual centering system.

Lifting Table (LT)
A flat table, designed for automated immersion of test parts.

Multiple opportunities for axis configuration.

The KT Lab tanks are preconfigured for the installation of additional axes to expand scanning capabilities.

Standard 2-Axis + 1
The standard axis configuration is a motorized X and Y with a manual Z-axis. This allows for the scanning of flat components at a reduced cost.

Advanced 4-Axis System (Z+C) or (Z+A)
The motorized Z-axis is PLC-controlled and has two preconfigured speeds for adjustment and inspection. Combined with a continuous rotation around the Z-axis, it is ideal for inspecting inside a cylinder, hollow shaft, turbine, or nozzle. With a motorized probe rotation capable of -5 + 95 from the vertical Z-axis, it allows for motorized movement along the shaft of the Z-axis.

Advanced 5-Axis System (Z+A+R)
The X, Y and Z motorized axes can also be combined with the Turntable (U) or Roller (R) axis to make a further advanced combination.
Experience higher quality diagnostics, easier operation, and better decisions.

Software that enables you to do more.

Simplify processes with EXAMINER Motion.

With a user-friendly interface, this software makes managing scan parameters and generating inspection batch scans easy.

- Choose axis movement
- Easily select coordinates
- Control joystick movement
- Specifically select individual scan patterns

Conduct color C-scan imaging in real time with K-Scan.

K-Scan software is a multifunctional tool that evaluates data in a highly sophisticated and versatile way. It acquires and maps ultrasonic data in real time, giving users better analytic capabilities.

- Scan pattern creation
- Data acquisition
- Record gated data and full A-scans from all probes
- Offline analysis
Tomorrow’s inspection. Today.

With its modular design, variety of customizable options, and easy-to-use software, the Krautkramer Lab Series gives operators more flexibility and control over their systems. Combined with the analytic capabilities of ultrasonics, this technology is just one example of how GE is bringing inspection further than ever before.

To find out how you can optimize your inspections, go to www.gemeasurement.com/inspection-ndt