Krautkrämer USIP|xs CV
ESSENTIAL

Multi-channel conventional ultrasonic instrument platform

- Industry-leading automation capabilities
- Scalable platform for utmost synergies
- Intuitive user interface for maximum ease of use
USIP|xs CV is the all industrial purpose, multi-channel conventional ultrasonic instrument for integration into any automated and semi-automated inspection system.

The latest USIP|xs CV is a precision, multi-channel inspection platform that solves the growing need for easy, cost-effective integration and improved automation capabilities in inspection lines.

With a wide range of channel configurations available, the instrument is scalable in performance and associated pricing. As a result, it is well suited to the widest range of projects and applications.

Effective integration

Industry-leading automation and integration capabilities enable even the most complex systems to be built with less effort.

Multiple interface standards make USIP|xs CV one of the best equipped instruments for effective integration into automated systems. The integrated field bus connection allows for a single cable connection to any PLC and minimizes wiring when designing larger systems.

Synergies of a scalable platform

As one of the largest platforms of conventional ultrasonic instruments, Krautkrämer USIP|xs CV offers UT performance and channel count that can be fully tailored to the individual customer requirements instead of a “one-size-fits-all” approach.

The platform concept creates synergies concerning technical infrastructure, instrument cost and integration know-how. This reduces the complexity of setting up and maintaining inspection systems as there will be an instrument from the platform as the perfect fit for any kind of system type and inspection need.

Latest usability standards for ease of use

The product lives up to the latest usability standards and comes equipped with a vast array of integrated diagnostic features. The result: Successful projects without excessive staff training and learning efforts.

- Graphical user interface compliant with the latest usability standards
- Up to 8 parallel A-Scans enable for optimized inspection control
- All digital filters and up to 4 amplifiers per channel enable for optimum setups under almost any inspection condition
- TCG function can be applied without limitations over the whole dynamic range

- Developed based on decades of experience as the leading manufacturer of ultrasonic testing systems
- Comprises of a vast array of diagnostic tools and remote diagnostics capabilities to save time and efforts during start up, installation and commissioning
- Option to create an individualized graphical user interface, extract data and maximize the customization of the system
- The USIP|xs software development kit includes an extensive library as well as quick-start sample programs

The integrated box design makes the instrument extremely easy to maintain in comparison to slot card type electronics due to fewer parts and interfaces.

Quality Assurance, NDT

Process Control

R&D and Labs

Graphical user interface

Interface monitoring

Software development kit
Waygate Technologies, formerly GE Inspection Technologies, is a global leader in NDT solutions with more than 125 years of experience in ensuring quality, safety and productivity.

To learn more about how we can make our platform work for your needs, reach out to our customer care team at uttm.service@bakerhughes.com.

Waygate Technologies

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