



Krautkrämer Ultrasonic Thickness Gauges

Precise & Reliable Thickness Solutions for Any Application

- Instruments and probes for precision and corrosion thickness inspection
- Ensure safety and reduce inspection time and cost
- For metals, castings, composites and more

Inspection starts here.

Krautkrämer offers a comprehensive range of ultrasonic thickness gauges designed for diverse industries and applications.

From precision measurements for quality control to robust corrosion monitoring in challenging environments, our solutions deliver **accurate, reliable, and comprehensive data**, enabling you to make informed decisions, ensure safety, and optimize performance.

Find the perfect combination for your specific requirements with proven instruments and a wide range of probes from Waygate Technologies.

TRUST THE LEGACY. 
Krautkrämer
Ultrasound Solutions

Krautkrämer CL Go+ Micron-Level Precision in a Rugged Package



The Krautkrämer CL Go+ sets a new standard for precision thickness gauging, offering unparalleled accuracy and a user-friendly experience in a compact and durable design.

Ideal for a wide range of applications demanding precise measurements, the Krautkrämer CL Go+ delivers reliable results you can trust.

Key Features

- Unrivaled Precision: Achieve micron-level accuracy (0.001mm/0.0001") for the most demanding applications.
- Intuitive User Interface: The bright, large color display and five-way switch pad provide effortless navigation and clear data presentation. Single-hand operation enhances efficiency in the field.
- Advanced Measurement Modes: Access a comprehensive suite of measurement modes, including Thickness, A-Scan, B-Scan, Min/Max, Differential, Quality, and Velocity, for in-depth analysis and data interpretation.
- Powerful Data Management: Store and analyze up to 100,000 readings per file with attachments on an SD card, ensuring seamless data transfer and reporting.

- Versatile 3-in-1 Platform: Maximize your investment with the ability to upgrade the CL Go+ to a flaw detector or corrosion gauge, providing a comprehensive inspection solution.

Applications

- Automotive: Precise measurements of cast and stamped components, machined parts, and more.
- Aerospace: Critical thickness measurements of thin materials and complex geometries.
- Manufacturing: Quality control of metal strips, plates, plastics, composites, and even glass.

Krautkrämer CL Go+ Precision Kits

CL Go+ Standard with CA 211A probe and cable (184M3358)

CL Go+ Standard with Alpha 2 DFR probe, cable, and delay line (184M3360)

Krautkrämer DMS Go+

Ultra-Portable, Ultra-Powerful Corrosion Inspection



The Krautkrämer DMS Go+ offers a comprehensive handheld solution for thickness measurement, data recording, and data management in a wide range of applications and environments.

Its robust design and advanced features make it ideal for corrosion measurement and monitoring, even on coated components and structures.

Key Features

- Ultimate Portability, Uncompromising Performance: Experience powerful thickness measurement and flaw detection capabilities in a compact, handheld device.
- Zero-cross Measurement: Ensures high stability and reliability in thickness readings.
- Automatic Gain Control: Provides excellent repeatability for consistent corrosion monitoring.
- Built-in Temperature Compensation: Maintains accuracy in fluctuating temperatures up to 540°C (1000°F).
- Versatile Measurement Modes: Offers multiple modes (thickness, A-scan, B-scan, Min/Max, differential) for thorough inspections.

- Comprehensive Data Management: Store and analyze large datasets with the high-capacity data recorder and UltraMATE software compatibility.
- Expandable Functionality: Upgrade to a full-fledged flaw detector with a simple software upgrade.

Applications

- Oil & Gas: Corrosion inspection and monitoring of pipelines, vessels, and tanks
- Power Generation: Boiler efficiency monitoring and oxide scale measurement
- Aerospace: Maintenance checks and corrosion inspection
- Metal Industry: Thickness measurement of austenitic materials and quality control.

Krautkrämer DMS Go+ Corrosion Kits

Basic Version:

- DMS Go+ Basic with DA501 probe & cable (100N4298)
- DMS Go+ Basic with DA512 probe (p. cable) (100N4299)
- DMS Go+ Basic with DA590 probe & cable (100N4300)
- DMS Go+ Basic with DA503 EN probe & cable (100N4301)
- DMS Go+ Basic with FH2E probe (p. cable) (100N4302)

Standard Version:

- DMS Go+ with DA501 probe and cable (100N3519)
- DMS Go+ with DA512 probe (potted cable) (100N3520)
- DMS Go+ with DA590 probe & cable (100N3521)
- DMS Go+ with DA503 EN probe & cable (100N3522)
- DMS Go+ with FH2E probe (potted cable) (100N3523)

Krautkrämer DM5E

The Rugged and Reliable Choice for Corrosion Monitoring



The Krautkrämer DM5E, also available in the Basic and DL version, represents the highest standard of portable corrosion monitoring thickness gauges.

Designed for operation in the harshest environments, the Krautkrämer DM5E provides reliable wall thickness measurements on pipelines, pressure vessels, and storage tanks.

Key Features

- Rugged Reliability in Harsh Environments: Confidently measure wall thickness in the most demanding conditions.
- Dual Multi-Mode: Efficiently measure through coatings without the need for removal, saving time and resources.
- Comprehensive Data Logging: The DM5E DL version offers a built-in datalogger with a 50,000-reading capacity for extensive data collection.
- Versatile Measurement Displays: Choose from various display modes (Normal, MIN Scan, MAX Scan, DIFF/RR%, B-Scan) for comprehensive data analysis.
- Intuitive Operation: User-friendly interface and menu navigation simplify operation and training.

- High-Temperature Performance: Specialized probes enable reliable measurements at elevated temperatures.

Applications

- Oil & Gas: Wall thickness measurements on pipelines, pressure vessels, and storage tanks.
- Petrochemical: Corrosion monitoring in harsh chemical environments.
- Power Generation: Thickness measurements in high-temperature applications
- Process Industry: Through-coating measurements and corrosion inspection.

Krautkrämer DM5E Corrosion Kits

- DM5E with DA501 probe and cable (100N3448)
- DM5E with DA512 probe and cable (100N4398)
- DM5E with FH2E probe (cable part of probe assembly) (100N4399)

The Right Probe for Every Measurement Challenge

Krautkrämer’s comprehensive range of ultrasonic thickness probes ensures optimal performance across diverse applications. Our probes are designed for precision, reliability, and efficiency in all your inspections.

We offer probes for

- Standard applications
- Thin and thick wall measurements
- Complex geometries
- Precision thickness measurements
- High sound attenuation materials
- High-temperature applications

When choosing the right probe, consider

- Material type and thickness
- Surface condition
- Temperature requirements
- Access limitations
- Required accuracy
- Environmental conditions



Find out more about our probes by using the QR code and see which probes are compatible with which instruments! Special probes are available upon request. Contact our experts to discuss your specific needs and find the optimal solution for your application.

Krautkrämer Probes for Thickness Inspection

Product	Order number	Meas. Range in mm Steel		Dual Multi Range in mm Steel		Contact Face dia. in mm	Freq. in MHz	Operating temp. in °C		Cable
		min	max	min	max			min	max	
Alpha2 DFR	113-527-660	0,25	10	0,01	0,4	7,6	15	-10	50	0058160
Mini DFR	113-518-655	0,25	5			4,8	20	-10	50	0058160
Alpha DFR-P	113-118-661	0,13	3,8			7,6	22	-10	50	0058160
K-Pen	389-030-290					3,1	20	-10	50	0058160
CA211A	113-544-000	2	400	0,08	16	19,1	5	-10	50	0058160
OSS-10	291-484-700					7,6	10	-10	50	0058160
DA301	0056904	1,2	200			12,5	5	-20	60	0053616
DA303	0056905	5	300			16,1	2	-20	60	0053616
DA312	0056906	0,6	50	2	12	7,5	10	-20	60	0054374
DA312B16	0066934	0,7	12			3	10	-20	60	Potted
DA501	0500495	1	200			12,5	5	-20	60	0053616
DA503	0500502	5	300			16,1	2	-10	70	0053616 or 118-140-099
DA507	113-544-224	2,5	300	3	60	18	5	-20	60	Potted
DA512	113-552-013	0,6	60	2	10	7,5	7,5	-10	70	Potted
DA590 (HT continuous)	113-534-769	2,5	300			12,1	5	0	204	118-140-099 or 118-140-123
DP104	113-561-104	5				31,8	1	-10	54	
FH2E	113-522-005	0,75	25			9,6	7,5	-10	130F	Potted
HT400A	113-224-760	1	254			12,7	5	200	540	118-140-099 or 118-140-100
KBA 525	113-516-002	0,6	25			5	10	-10	55	fixed 1,2m
TC 560	113-544-214	1,5	200			15,9	5	-10	55	118-140-058
DA401	0058637	1,2	200			12,5	5	-20	60	0053616



Use this QR code to learn more about our Ultrasonic Thickness Gauges portfolio or visit our website:

waygate-tech.com