



STATOGRAPH PROBES

Probes for non-destructive crack detection of complex components using eddy current testing



STATOGRAPH PROBES

Probes for non-destructive crack detection of complex components using eddy current testing



Eddy current testing for safe components. STATOGRAPH probes are used for non-destructive crack testing of complex components using eddy current technology. They enable precise detection of surface and near-surface defects and therefore play an important role in quality assurance for safety-critical applications, particularly in the automotive industry.

For component testing, fixed and rotating differential eddy current probes are used, offering high inspection sensitivity and stable measurement results. The probes are designed for integration into automated inspection systems and ensure reliable and reproducible testing even at high production speeds.

FOERSTER offers a comprehensive range of standardized STATOGRAPH probes for various inspection tasks and component geometries. For special applications, FOERSTER also designs and manufactures customized probe solutions tailored to specific requirements.

STATOGRAPH probes are available with accredited calibration and a DAkkS calibration certificate for the four most commonly used standard probe types (Part no. 2293277, 2293285, 2293293, 2293307). Calibration is performed in FOERSTER's [ISO/IEC 17025 accredited calibration laboratory](#), and ensures documented measurement uncertainty as well as full metrological traceability to national and international standards. This supports compliance with quality requirements and provides additional assurance during audits and probe replacement.

Information regarding the calibration procedure, decision rules and assessment of conformity can be found in the [example calibration certificate](#).

YOUR ADVANTAGES AT A GLANCE

Permanent installation: Individual probes for permanent installation in inspection stations

High inspection sensitivity: High inspection sensitivity for reliable crack detection

Flexible scanning concept: Scanning of the inspection track by moving either the test piece or the probe

Different probe designs: round, flat, angled

Application-specific probe: Customized probe solutions for complex component geometries

Dynamic inspection tasks: Rotating heads with adapted rotating probes for dynamic inspection tasks

Optional: Accredited calibration with DAkkS certificate ensuring documented measurement uncertainty and international traceability

TECHNICAL INFORMATION

PROBES	
CLEARANCE COMPENSATION:	optional
WIDTH OF COVERAGE:	0,8 mm to 5 mm
FREQUENCY RANGE:	up to 1 MHz and 10 MHz
TEST SENSITIVITY:	High
ELECTRICAL AND MECHANICAL STABILITY:	High
ROTATING HEAD	
ROTATING PROBE SPEED:	nmax=15,000 min-1
FREQUENCY RANGE:	100 kHz – 1 MHz



foerstergroup.com



The FOERSTER Group is represented by subsidiaries and representatives in over 60 countries worldwide. You can find a complete overview on our website.

Headquarters

Institut Dr. Foerster GmbH & Co. KG

In Laisen 70
72766 Reutlingen
Germany

+49 7121 140 0
info@foerstergroup.com

© Copyright 2026 – Copyright notice: All contents of this work, in particular texts, photographs and graphics, are protected by copyright. Unless explicitly stated otherwise, the copyright lies with Institut Dr. Foerster GmbH & Co. KG. Please contact us if you wish to use any part of this work.

Generated: 2026-09-22 13:44:11