



Ingenieurbetrieb für
Materialprüfung, Qualitätssicherung
und Schweißtechnik GmbH



**QUASOR –
UNIVERSALLY APPLICABLE TESTING DEVICE
FOR NON-DESTRUCTIVE MATERIAL TESTING**

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FOCUS

The testing device QuaSor is a cost-effective solution for the non-destructive testing of small batches. Depending on the testing task the device is equipped with the required testing technology.

Individual testing programs and the communication between testing device and CNC machine guarantee a smooth and accurate testing process.

YOUR BENEFITS

- › Maximum flexibility in adapting the testing task
- › Determination and detection of material properties and / or irregularities / defects on the surface and in volume (e.g. grinding burn detection by means of eddy current testing)
- › Suitable for rotationally symmetric and flat components
- › Wide range of component sizes (diameter 20 mm up to 400 mm, max. height 200 mm)
- › Automated testing operation with internal communication between testing device and motion unit (manual exchange of components)
- › Automated OK/NOK – assessment of the tested components
- › Applicable for various testing methods (QuaSor E: ET, but as well UT, camera technology, LASER scanner and other techniques)
- › CE – Certificate for optimum adherence to work safety regulations



GRINDING BURN DETECTION ON ROLLING BEARING COMPONENTS

TESTING TECHNOLOGY

- › Multichannel Eddy Current Testing Device with internal data memory
- › 3 Special – X – Type probes for non-contact measurement

PROCESS

- › Select CNC – Program for type of component (includes all devices settings, reference amount and grading limit)
- › Insert component / Start testing operation (Checking system availability by internal security prompts)
- › Inspection and assessment of ring raceways and flanges of rolling bearings or outer shell surfaces and front surfaces of bearing rollers within one testing process
- › Rotatable probe holder / no exchange of probes required
- › Output of results OK/NOK