

Flexible 2-axis Eddy Current desktop crack test system



Turnkey systems
Non destructive testing



This compact and modular system fills the gap between manual test assembly and automatic system.

The operator respectively the existing part handling loads the test part. After pushing the START button the automatic test cycle starts: The spindle rotates the part and the probe is moved along a programmed profile by interpolating motion of 2 servo axis. The selected OD surface is checked for surface open flaws. After the test, the spindle stops, the probe homes and the test result is indicated by red/green light and buzzer. The operator / the handling unloads the tested part and sorts it accordingly.

- Table top system, weight 30 kg, supply 100-230V, integrated PLC, spindle rpm adjustable from 60-600 min⁻¹, axis feed speed 1-100 mm/s (optionally faster)
- Test part diameter up to max. 50mm, length max. 120mm
- Operation sequence or test positions can be loaded or modified within minutes
- Part clamp versions (quick change system)
 - o Manual chuck
 - o Mandrel
 - o Live center
 - o support
- Examples for additional options
 - o Pedal switch
 - o Automation interface
 - o Integration of Rohmann Test Instruments - ELOTEST IS3, IS500, PL500 etc.



Rohmann GmbH • Carl-Benz-Str. 23 • 67227 Frankenthal • GERMANY
www.rohmann.de • E-Mail: info@rohmann.de