

BoltScan

Universal eddy current testing system

Universally applicable, semi-automatic testing device for screws, bolts, sleeves, rotationally symmetrical parts with and without shoulder. Testing with adjustable rotation and automatic probe feed, also in the thread area.



Eddy Current Test System BoltScan



Crack testing with inclined test probe in the bearing seat area



- ▶ A large number of test probes are available for different test tasks. The multi-function probe holder allows almost any test position to be set.
- ▶ Infinitely variable part speed adjustment
- ▶ Feeding direction switchable
- ▶ Automatic stop by limit switches in the end positions
- ▶ Probe feed infinitely adjustable
- ▶ Infinitely adjustable distance of the support rollers via central adjustment
- ▶ Parts slippage is prevented by rubberized rollers and distance changes of the support rollers.
- ▶ Floating probes Holder
- ▶ Adjustable part stop
- ▶ Test probe KA-36 H-1705.04.1



Crack testing on a ground surface



Crack test cylinder surface and friction weld sea



Crack testing in the puncture area



Eddy current testing with ELOTEST M3 or optional with ELOTEST IS3 and ELOTEST B300

Specifications:

- ▶ Length 680mm x Breite 265mm x Höhe 340mm (26,77 x width 10,43 x height 13,39 inches)
- ▶ Weight: 20kg (44,1 lbs)
- ▶ Power supply: Wide range plug-in power supply 90-264 VAC/ 50-60 HZ/1,4 A Feed unit: 1 - 100 1/min
- ▶ Speed partial rotation: 10 - 300 1/min
- ▶ Part stop: position and height adjustable
- ▶ Limit switch: 2 pcs. electrical
- ▶ Multi-function probe holder consisting of:
 - ▶ Receptacle with linear guide / floating holder
 - ▶ Probe receptacle floating via linear guide
 - ▶ Probe holder Rotatable, angle adjustment +/- 90° via knurled screw
- ▶ Probe holder Height adjustable via Z-axis with knurled adjustment
- ▶ Probe position adjustable on the holder block
- ▶ Test probes KA-36 H-1705.04.1 as shown, standard for screw inspection, shank and thread (not included in delivery)
- ▶ Other pin probes and EK cables are available depending on the range of parts
- ▶ Rohmann test equipment ELOTTEST M3, ELOTTEST B310 und ELOTTEST IS3 (not included in delivery)
- ▶ Part spectrum: e.g. screws, bolts, sleeves, rotationally symmetrical parts with and without step
Length: max. 200mm (7,87 inches)
- ▶ Diameter: 5mm - 60mm (0,2 inches - 2,36 inches)
- ▶ Item Number: C0M09170045



ELOTTEST B300



ELOTTEST IS3



Individual sensors even for complicated test data.