

Damper Testing NDT

« An Essential Addition to any Workshop

AVOID CHANGING BY TESTING!

- « Measuring the damping force in relation to the displacement and speed
- « Testing according to international standards with corresponding documentation
- « Checking overhauled dampers prior to installation in bogies
- « Incoming inspection of new dampers
- « By checking used dampers, any dampers that are still usable can be reused:
Avoid changing by testing!

« High-Tech in a Compact Space



« State-Of-The-Art Technology

DRIVE SYSTEM

- « Driven by servo motor and spindle
- « High accuracy, low energy consumption and low maintenance costs

FORCE MEASUREMENT & ANGULAR POSITION

- « High measuring accuracy due to ring measuring cell
- « Fully automatic adjustment of the angular position of the damper during the test

CLOSED SYSTEM - PLUG & PLAY

- « No complex installation necessary
- « High level of safety for operators
- « No additional barriers / light barriers necessary
- « Easy relocation - Plug & Play

« Save Time and Money

SAFE AND ERGONOMIC OPERATION

- « Fully automatic test sequence
- « Test Press can be easily relocated
- « Intuitive operation and handling
- « High level of personal safety for operators
- « Secured hold in case of emergency stop and power failure

INCREASE IN COST-EFFECTIVENESS

- « Short test cycle time
- « Reuse of used springs
- « Low life cycle costs thanks to energy-efficient and maintenance-friendly design

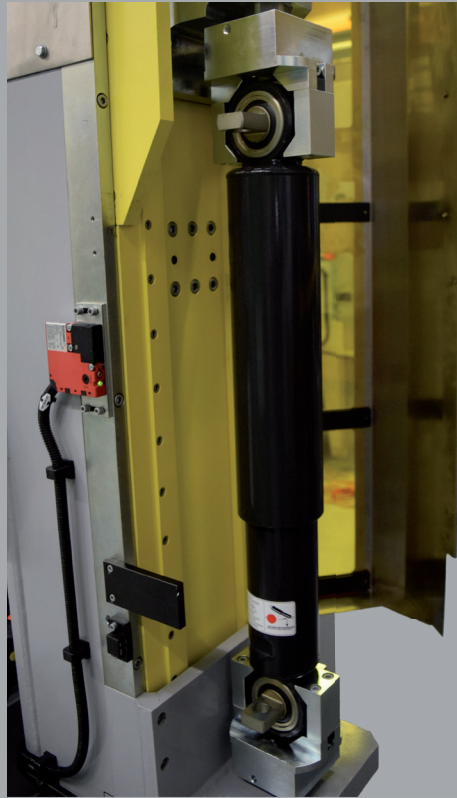
HIGH QUALITY

- « High measuring accuracy
- « High-quality, industrial-grade materials
- « State-of-the-art production processing
- « Long-lasting design
- « Worldwide customer service

HIGH SAFETY IN TRAIN OPERATION

- « Increasing derailment safety
- « Reduction of noise emissions
- « Reduction of wear on wheel and rail

« Fully Automatic Test Sequence



« Technical Data

MODEL	NDT
Max. Test Force	25 kN
Max. Velocity	0.5 m/s
Max. Acceleration	20 m/s ²
Damper Dimension:	
Length	1200 mm, 1900 mm (Jumbo)
Max. Diameter	200 mm
Max. Stroke	500 mm
Space requirement (L x H x W)	2900 x 1600 x 2350 mm

« Contact and Further Products

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