

ROD-A-MAT

Railway wheel set inspection system

Art.-Nr. 131.050.045

Contact-less inspection system for combined MPI on assembled railway wheel sets

The device is equipped with two independent high current generators for simultaneous inspection of wheels and axles.

Technical Description

- MPI wheelset testing system,
- Steel frame with 2 manually movable carriages
- Frame with base plates screwed to foundation
- Double-roller linear axis for adjusting the height of the magnetization coil
- 1 trapezoidal coil with handle and push button for magnetizing railway wheels \varnothing 800 to 1200 mm diameter (can be tilted forwards)
- 1 segment coil with handle and push button for magnetization of railway axles up to \varnothing 250 mm
- Two control cabinets containing high current transformers and control panels:
 - Hellmag 7k: 400 V; 60% relative duty cycle; for trapezoidal coil
 - Hellmag 15k: 400 V; 60% relative duty cycle; for segment coil
- with distance monitoring to the test piece (visual display) - optionally
- Mechanical clamping of the height adjustment

