



## **TRACKSCAN USE-B**

### **DETECTION AND EVALUATION OF VOLUME DEFECTS IN THE RAIL**

To ensure the safety of rail traffic, the rails must be inspected cyclically. Defects must be detected and in accordance with the applicable regulations of the infrastructure manager, be assessed, monitored and eliminated. The ultrasonic rail inspection system Trackscan USE-B detects, among other things, deep head checks, squats and corrosion at the rail foot. The result data can also be imported into the customer's own infrastructure data.

## TECHNICAL DATA

### SPECIFICATIONS

Dimensions (L x W x H)	623 x 300 x 800 mm
Weight	17 kg (excluding coupling water)
Capacity	Up to 4 litres coupling water
Protection class	IP65
Operation time	Up to 8 hours
Independent channels	9 units with one ultrasonic probe each
Ultrasonic testing heads	9 units with different angles of incidence

### BENEFITS

- Detect and evaluate volume defects seamlessly
- 2D visualisation of "Glassy rails" in A-scan or B-scan view
- Filter function against influences
- Complete storage of raw data
- Low maintenance costs due to modular design
- Modern lightweight construction using fibre composites
- Inspection possible in forward and reverse operation
- Suitable for left-handed and right-handed users

### CONTENTS

- Lightweight carbon trolley
- 9 ultrasonic probes
- Military grade tablet
- Data analysis software
- Automatic track guidance system
- Adaptable to various rail profiles
- Braking system
- Coupling water flow control system
- Side kickstands for storage

### ACCESSORIES

- Transport box
- Telescopic arm for track gauges up to 1600 mm
- Single-channel ultrasonic device

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Images: Tom Schulze

