



PROTRAN
TECHNOLOGY

A Harsco Rail Company



ULTRASONIC DUAL RAIL TESTING TROLLEY

Portable Ultrasonic Dual Rail Testing Trolley

Protran's portable ultrasonic testing push trolley allows for quick and easy testing of segments of track on a moments notice

System Features:

- Sled based
- Onboard coupler
- Up to 26 ultrasonic channels
- A and B scans
- 3D model of ultrasonic wave distribution
- ISO 12710:2002 compliant



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Specifications:

Parameter	Value
Operating Speed	Up to 4 mph (6.5 kph)
Number of ultrasonic channels	Up to 26
Gain Range	0 - 70 dB
Device DC power supply	12 V
Continuous work time	8 hr
Memory Capacity	60 miles (100 km)
Total Weight	132.2 lb. (60 kg) (without water)
Dimensions	70.1 x 35.6 x 32.3 in. (1780 x 905 x 820 mm)
Contact Liquid Stock	10 gal (40 L)

Description:

The ability to quickly re-assess large scale ultrasonic measurements or to assess areas of track which are not normally covered or accessible via traditional ultrasonic testing platforms is what makes the Ultrasonic Testing Trolley so vital.

The Dual Rail Ultrasonic Testing Trolley allows a single user to detect internal rail flaws with high accuracy on both rails at once. The onboard processing unit and display immediately alerts the user of any detected issues in real-time, while the data is simultaneously logged for offline inspection. The unit comes equipped with a long-life rechargeable battery as well as a storage and supply system for contact liquid.

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