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**INNOVATIONS
AND TRENDS**



Ultrasonic single rail flaw detector



UDS2-77



UDS2-77

UDS2-77 ultrasonic single rail flaw detector is a mechanized trolley intended for the inspection of one rail line. The flaw detector utilizes a unique scanning scheme that allows testing the entire rail section, except for foot flanges, by pulse echo, echo-shadow and echo-image techniques. The trolley is made from light but rigid composite materials, due to which the total weight of the device is 16 kg only. Both mechanics (trolley) and electronics (software) of UDS2-77 have been developed with due account for ergonomic design, user-friendly intuitive interface, as well as severe weather conditions that may occur while working on a railway track.

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Subject to further change