

# Wave Partner II



**ADTS** has proposed a new approach to railway inspection, **Wave Partner** is an automatic inspection trolley indispensable for an objective, rapid and reliable assessment of the quality of railways.

The **Wave Partner** is the inspection tool needed to check the state of the rail before and after grinding. **Wave Partners** generate an immediate qualitative and numerical report in order to predict a correct maintenance action or verify the quality of the grinding. The intuitive software allows any operator to manage the instrument from the first moment.

The measuring trolley is composed of a solid structure with small dimensions and low weight. The operator in line, by means of a special handle, pushes the trolley. The trolley is electrically isolated so the line will not be affected.

<b>Acquisition Step:</b>	1mm or 2 mm According to EN 13231-3
<b>Humidity:</b>	15 to 85% (no condensation)
<b>Working Condition</b>	-20° C ÷ +50° C
<b>Precision of Measurement</b>	0.01µm
<b>Max measurement Speed</b>	5 Km/h
<b>Repatibility</b>	Up to 0.5um
<b>Rail Type</b>	Rail 49E1, 54E1, Ri59N, 60E1
<b>Battery</b>	External plug for battery tools
<b>Wave Length</b>	10÷30, 30÷100, 100÷300, 300÷1000mm, 1000mm÷3000mm
<b>Sensor Type</b>	Eddy sensor, non contact



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