

# BACK-TO-BACK DISTANCE MEASURING GAUGE IMR SERIES



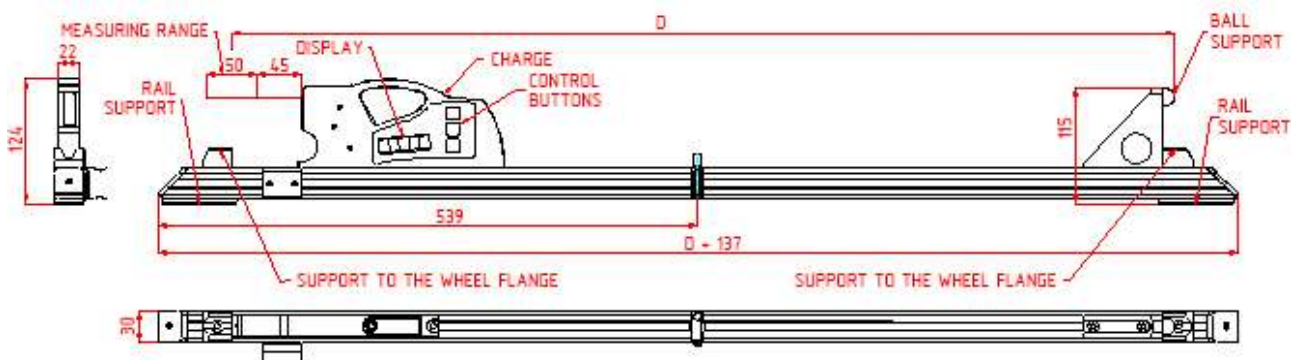
Electronic gauge is designed for measuring back-to-back distance of railway, metro and tram wheels in the course of checkup, examination, repair and formation of wheel sets.

Measurements are made directly on rolling stock without wheel set roll-out.

## BASIC TECHNICAL DATA

Name of parameter	Value
Measurement range, mm	$L \pm 25$ (L – nominal distance)
Measurement error, mm	$\pm 0.1$
Indication discreteness	0.1mm, or 0.01 inch
Display	build-in, LED
Operating temperature, °C	-5...+40
Weigh, kg	1
Dimensions	$L+137 \times 30 \times 124$
Power supply	rechargeable batteries 2xAAA, 1.2V

## OVERALL DIMENSIONS



**OPERATION PRINCIPLE**

The method of measurement is based on direct measurement the distance by contactless laser sensor.



**EXAMPLE OF DESIGNATION WHEN ORDERING**


**IMR-D**

Symbol	Description
<b>D</b>	Nominal back-to-back distance, mm
<b>Example:</b> IMR-1590. Nominal back-to-back distance is equal 1590 mm	

**MEASUREMENT INSTRUMENTS FOR RAILWAY TRANSPORT**



Railway Wheel Profile Gauge, IKP Series



Wheel Diameter Measuring Gauge, IDK & IDK-BT Series




Back-to-Back Distance Measuring Gauge, IMR-L Series



Real time wheels geometry measurement system 3DWheel



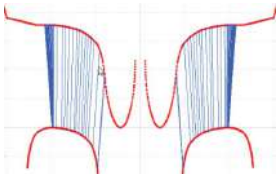
Back-to-Back Distance Measuring Gauge, IMR Series



Disc Brakes Profile Gauge, IKD Series



Rail Profile Measurement Gauge, PRP Series



Equivalent conicity calculation program

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