

DIGITAL CALIPER FOR MEASUREMENT OF WHEEL PROFILE



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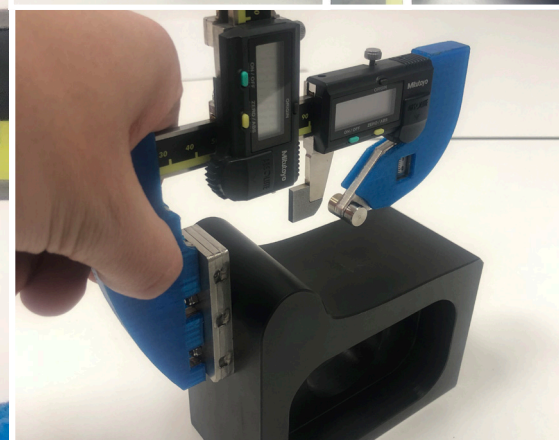
DIGITAL CALIPER FOR MEASUREMENT OF WHEEL PROFILE

The DIGITAL CALIPER FOR RAILWAYS WHEEL PARAMETERS is used to measure the wheel parameters of train and tram wheels. It's very handy design and semi-automatic measurement allows for fast and accurate measurements of the most important parameters of wheel rolling profile.

WHEEL PARAMETERS:

- FLANGE THICKNESS (G) – Flange thickness or flange width. Width parameter G is measured 10mm,
- FLANGE HEIGHT (H) – Flange height is the difference between the maximum wheel's diameter
- QR FACTOR – Qr factor is a measure that serves to evaluate wheel's wearing. Qr is the distance,
- TREAD INCLINATION (P%) – Railway wheel treads are conical. This conicity is measured as a %. Example: Let the wheel 1,5mm smaller than nominal radius at 30mm. Then tread slope is (1,5/30) x100=5%nominal radius plus 10mm.

CHARACTERISTICS	DATA
Battery	1 Silver oxide cell SR44
Flange thickness measurement resolution (G):	0,01mm
Flange height measurement resolution (H):	0,01mm
Qr factor measurement resolution:	0,01mm



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