

3.10

LASER WHEEL PROFILE MEASURING INSTRUMENT



THE MEASURING INSTRUMENT IS DESIGNED FOR THE MEASURING OF:

- Wheel flange height,
- Wheel flange thickness,
- Wheel flange slope,
- Full profile scanning and analyze of wheel rolling surface,
- Maintaining of electronic wear data base,
- Control of tolerances and sorting in the course of checkup, examination, repair and formation of railway wheel sets.

CHARACTERISTICS	DATA	COMPLETE SET INCLUDE	QUANTITY
Measurement range		Measuring device	1
Flange height Ow (Sh)	20 -45 mm	Calibration set - optional	1
Flange thickness Og (Sd)	20 -50 mm	Software	1
Flange slope qR	1 -15 mm	Smartphone to visualization and record the measurement results (wireless connection with profilometer)	1
Measurement accuracy		Charger set	1
Flange height Ow (Sh)	±0,1 mm	Cables for computer or connection	1
Flange thickness Og (Sd)	±0,1 mm	Case	1
Flange slope qR	±0,2 mm		
The number of measurements that can be taken before battery recharge is not less than	5000 for Standard IKP and 2200 for Short and Super-short		
Profilometer dimensions	Standard: 214 x 156 x 54 mm Short: 201 x 114 x 54 mm Super-short: 213,5 x 90 x 54 mm		
Resolution	0,01 mm		
Weight	0,6 kg		
Power supply (laser scanning module)	3,7V, Li-ion rechargeable battery 5400 mAh for standard IKP and 2400 mAh for Short and SShort		

