



Vogel & Plötscher

R-Series

Analogue track gauge and cant measuring devices



Precise measuring



Recognized worldwide



Customized options



R-Series

The R-Series devices are the proven analogue mechanical measuring devices for track building and maintenance. The different models reliably measure the common track parameters on Vignoles and grooved rails.

Individual configuration

Various options for measuring and recording other various track parameters enable a customized expansion of the basic model. For example, the add-on units for measuring frog nose inclination or the check rail height, but also an inspection of switch tongues or checking of rail head profiles are possible. Also the measuring probes and narrow contact are available in different designs and sizes. On request, the devices can be supplied in a separable or fully insulated version as well as in different track gauges.

The measuring devices of the R-Series

Model	Track gauge	Flangeway clearance	Check rail gauge	Back-to-back distance	Cant
RA	•	•	•	•	
RCA	•	•	•	•	•
RCS	•				•
RCFF	•				•

Powerful versatile devices

The different variants and various options make the R-Series measuring devices a helpful companion on tracks all around the world. Since decades, the measuring devices offer precise and easy measurement of many different track parameters for the user.

➤ Technical data*

Measurement resolution:	1 mm
Track gauge RCA/RA:	1415 – 1475 mm
Track gauge RCS/RCFF:	1425 – 1500 mm
Flangeway clearance:	30 – 82 mm
Check rail gauge:	1385 – 1405 mm
Back-to-back-distance:	1345 - 1361 mm
Cant:	- 30 bis + 200 mm
Dimensions Weight	
> R-Serie:	~ 1618x104x156 mm 2,5 kg

* All figures based on nominal gauge 1435 mm.
Details for other gauges available on request.



Separable design (option)



Rail head profile template, rail head width scale and frog inclination measuring unit (option)



Precise measurements with fine adjustment

Key features

- + Proven easy measuring
- + Individual equipment
- + Different variants
- + Over 50 years of further development
- + Official German DB approval

