



LIANJIE

ACRE
SURVEYING SOLUTIONS

GJC-TJG

Digital Track Gauge



1. High Accuracy & Long Stability
2. Insulation
3. Temperature Compensation



• Introduction:

GJC-TJG is special designed-and-tested precise digital measurements tool ,which has been successfully upgraded according to railway engineers' suggestions from our global market.

Combine highest levels of accuracy and easy digital measurements .

GJC-TJG Series Digital Track Gauge guarantees high measurement resolution, also meets the highest standards in terms of repeatability and measurement uncertainty.

Model	Unit(mm)	
	GJC-TJGO	GJC-TJGI
Track gauge Resolution	0.01	0.1
Track Gauge Uncertainty	±0.25	±0.25
Cant Resolution	0.05	0.1
Cant Uncertainty	±0.3	±0.45



**The display can be rotated 180°*



**Four values in one interface*



The gauge measures the following parameters:

Track gauge
Super-elevation(cant)
Check rail gauge
Back to back distance
Flangeway clearance

The measured values are clearly displayed on a large OLED display. Night-time and tunnel work ,legible even in direct sunlight are supported . All datas can be in one view in real-time . The speical display design can be flipped to show the inverse image ,this allow to work by right hand as well as left one.

The strong temperature compensation function eliminates the influence of temperature expansion and cold contraction on the measured values' accuracy. This guarantees the device can work normally at -30~+55 degrees. GJC-TJG Series also obtain CE Certification and CRCC Approval.

The device is extremely economical and environmentally friendly.The rechargeable battery provides a longer time of countinuous operation without recharging. LianJie maintains a competitive edge through innovation. If you need customized service, let us help you.

Technical Specification

Model	Unit(mm)	
	GJC-TJGO	GJC-TJGI
Track gauge	1384-1470	1384-1470
Check rail gauge	1364-1450	1364-1450
Back to back distance	1344-1430	1344-1430
Super-elevation range	±200	±200
Flangeway clearance	20-107	20-107
Super-elevation resolution	0.05	0.1
Track gauge resolution	0.01	0.1
Track gauge uncertainty	±0.25	±0.25
Cant uncertainty	±0.3	± 0.45
Aluminum package box	option	

•All figures based on a standard gauge of 1435 mm.
Details for other gauges and Imperial type available on request.



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