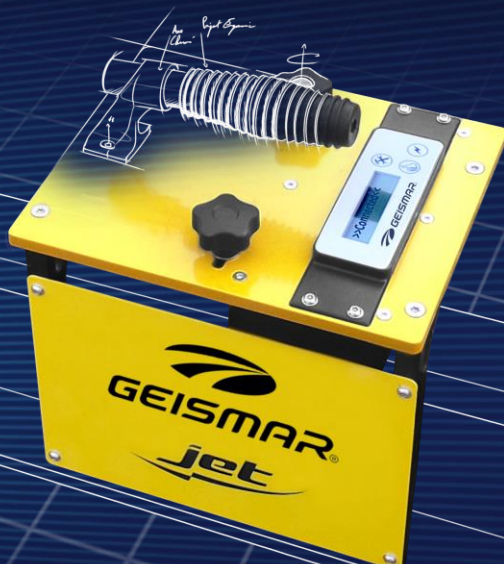


DIGITAL RAIL INCLINATION MEASURING SYSTEM

JET

*Advanced equipment
for precise measurement of the rail inclination*



Simple and accurate rail inclination measurement

Easy to set up

Digital display and data storage



DIGITAL RAIL INCLINATION MEASURING SYSTEM

JET

Your benefits

- Jet accurately measures your absolute rail inclination
- Operates in co-operation with the Garnet-DL track geometry gauge
- Portable and easy to use by one operator with an intuitive user interface
- Real-time analysis and storage by Bluetooth using a Smartphone with dedicated software
- Easy to position and clamp on rail foot and adjustable to fit almost any rail type
- Usable in any weather conditions

Specifications

Display's size	66 x 16 mm (16 x 2 characters)
Rail foot width	129 – 159 mm (5.1 – 6.3 in.)
Measuring point	Top of rail foot
Rail inclination accuracy / resolution	0.03 ° / 0.01 °
Autonomy	40 hours (without backlight)
Recharging time	15 hours
Operating temperature	-5 °C to +45°C (23 °F to 113 °F)
Number of languages	10 (Firmware on Jet) / 13 (System software on Smartphone)
Dimensions (L x W x H)	Approx. 250 x 200 x 280 mm (9.84 x 7.87 x 11 in.)
Mass	Approx. 4 kg (9 lbs)



Technological benefits

- Accuracy guaranteed by a powerful microcontroller and by mechanical adjustment allowing accurate device positioning
- The Smartphone runs a specific Jet version of the user software application and communicates with both the Garnet and the Jet simultaneously
- Common battery charger for both Garnet-DL and Jet
- All measurements are displayed and controlled via the Smartphone's high resolution colour touch-screen
- Rail inclination measurement displayed in ratio (e.g. 1:20), percent or angles (degrees or radians)
- Configurable alarms for values beyond thresholds
- Updatable via specific software without recalibration
- Robust carrying case
- Measurement range:
 - ±12° angle
 - ± 1:5 ratio (at 200 mm cross level)

