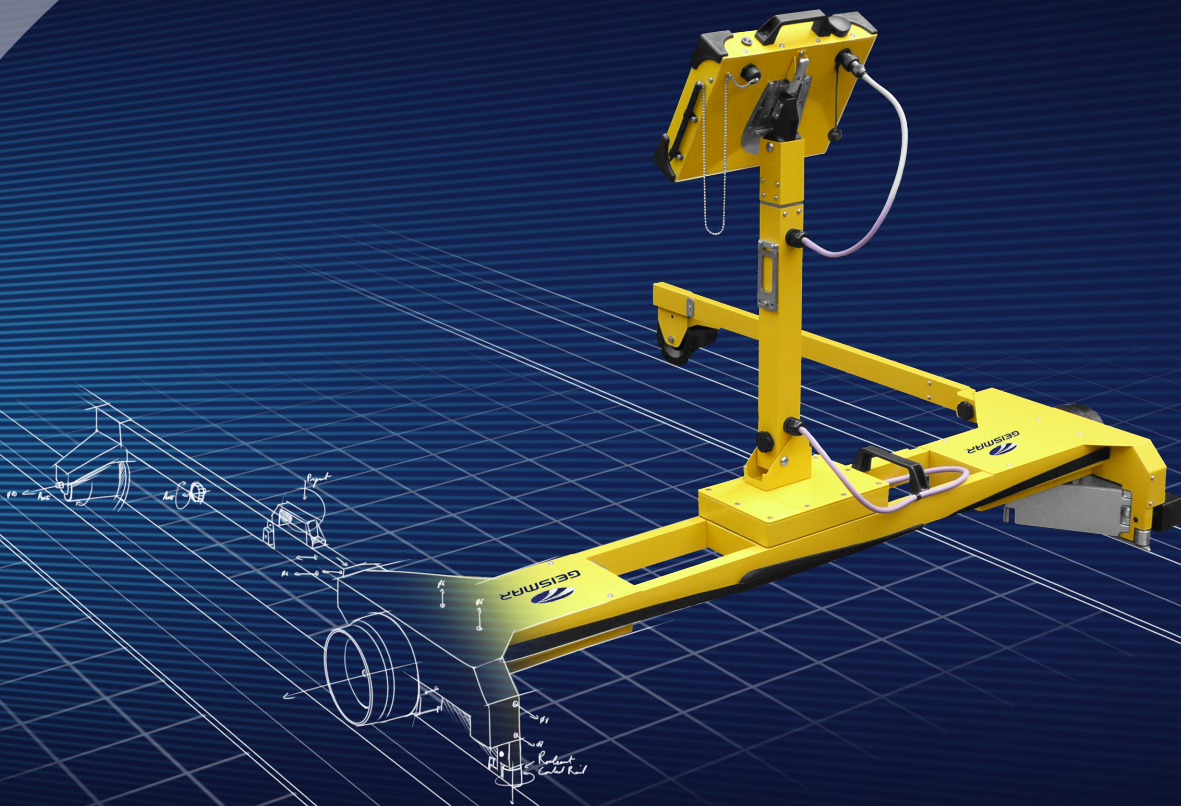# TRACK GEOMETRY AND SWITCH GEOMETRY DIGITAL MEASURING AND RECORDING PORTABLE TROLLEY

DIAMOND-T2

Advanced equipment for switch & track measuring and control

Grooved rail geometry precision measurement and recording

Easy intuitive use
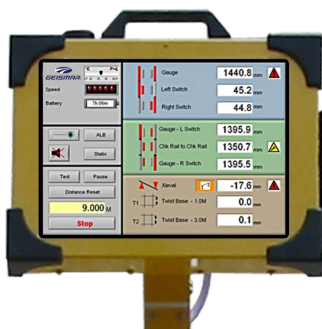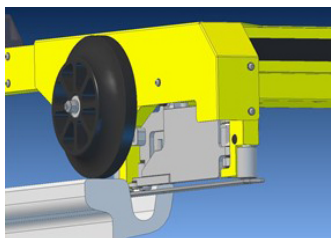
High autonomy

GEISMAR®

TRACK GEOMETRY AND SWITCH GEOMETRY DIGITAL MEASURING AND RECORDING PORTABLE TROLLEY

DIAMOND-T2

Your benefits

- Exact measuring point location on the grooved rail by the Laser system
- Track location with on board GPS function
- User friendly interface with integrated touch screen and storage capabilities
- Excellent repeatability of measurements
- Light weight and easy to set up

Technological advantages

- Integrated computer with touch-screen and adjustable viewing angle
- PC software for the generation of inspection protocols for switch and crossing geometry
- Hand-pushed trolley with folding arms
- Alarm for tolerance measures
- Event markers using 3-button remote fob
- Thinner wheels to avoid road surface on embedded rail
- Thinner contact rollers for narrower gap inspection
- Two hot-swap rechargeable batteries
- Delivered with specific software for track geometry analysis « DAS »

Trolley specifications

Measures for grooved rail	• Gauge • Cross-level • Twist • Running rail/check rail gap on both sides • Switchblade/stock rail gap on both sides • Travelled distance • Temperature
Contact point	0-9 mm (0.35 in.) below the running surface of the rail
Autonomy	Minimum 8 hours (lithium-ion battery)
Operating temperature	-5 °C to +45 °C (23 °F to 113 °F)
Gauge	1,435 mm * (56 in.)
Mass	25 kg (55 lbs)
Display	High brightness PC screen

Other on request

Accessories

- Transportation storage case for added protection
- Desktop battery charger
- Additional battery packs

Options

- Cylindrical or Mushroom contact roller
- Arm mounted red warning lights

GEISMAR®