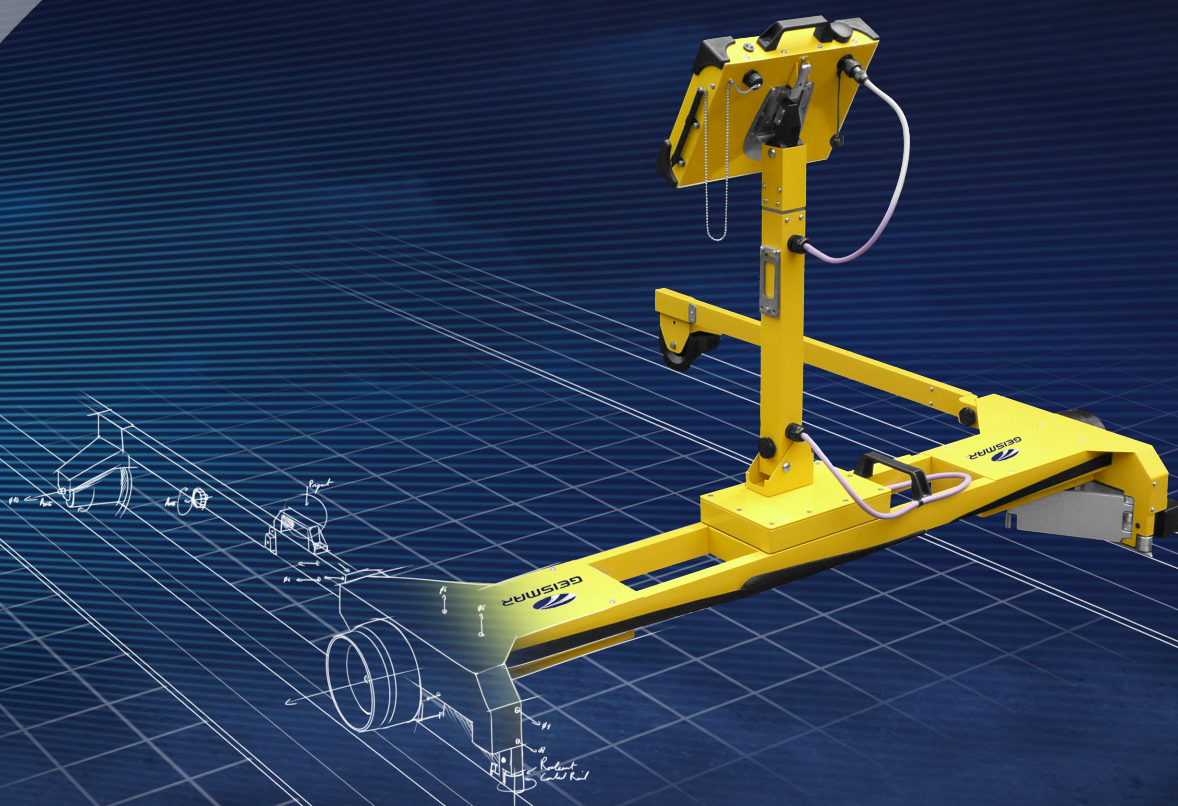




DIAMOND-S2

TRACK GEOMETRY AND SWITCH GEOMETRY DIGITAL MEASURING AND
RECORDING PORTABLE TROLLEY

*Advanced equipment
for switch & track measuring and control*



Flat bottomed rail geometry precision measurement and recording

Easy intuitive use

High autonomy



Your benefits

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



Accessories

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



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 measurements
- Event markers using 3-button remote fob
- Larger wheels for higher stability with parking brakes
- Two hot-swap rechargeable batteries
- Delivered with specific software for track geometry analysis " DAS "

Trolley specifications

Measures for
flat bottomed 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

0.55 in. (0-14 mm) below the running surface of the rail

Autonomy

Minimum 8 hours (lithium-ion battery)

Operating temperature

23 °F to 122 °F (-5 °C to +50 °C)

Gauge

56 in. * (1,435 mm)

Mass

55 lbs (25 kg)

Display

High brightness PC screen

* Available for all gauges

Options

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