



STI

DIGITAL GAUGE AND CANT MEASUREMENT DEVICE FOR TRACK AND SWITCHES

The digital measuring device STI measures track and switch geometry. The device provides measurement readings within a few seconds after taking measurements. The values of all parameters are displayed in digital format on the display screen.

LIGHTWEIGHT AND ACCURATE

The device is light, fast and accurate. The digital gauge is equipped with a built-in memory system allowing the recording of measurements to be transferred to a PC via a USB stick. This device has a solar battery enabling continuous operation with a backlit display that is legible to read even in direct sunlight. The device features a temperature compensation system.

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OVERVIEW OF STI

Feature	Function	Benefit
Weight 6 lb	Light weight	One-person operation
Memory capacity	Large capacity (memory)	8,000 measurement files
Operating time	24 hours of continuous operation	Long working time
Accurate measured parameters	Track gauge, cant, groove widths	Easy to use
Solar battery	Provides longer time of continuous operation without recharging	Additional power supply

Specifications

- » Availability: all track gauges
- » Data formats: PDF, MS Word, MS Excel, TXT
- » Operating conditions:
 - Temperature: -4°F to +113°F
 - Humidity: 15 to 85 %, no condensation
- » Accuracy:
 - Track gauge ± 0.01 inches
 - Cant: ± 0.02 inches
 - Groove width: ± 0.016 inches
- » Ranges:
 - Track gauge: -0.8 to 1.75 inches of the nominal gauge
 - Cant: ± 9.84 inches
 - Groove width (left and right): 1.02 to 2.95 inches
 - Defined measurement increment: 1.6 feet, 3.3 feet, 16.4 feet, 32.8 feet

Accessories

- » STI device
- » Special carrying case



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