



Vogel & Plötscher

Track and switch
measurement devices

MessReg CTS

Continuous track measuring system



Track bed



Track gauge



Digital



MessReg CTS

is a digital measurement system in a portable design for recording of track gauge, cant and twist. Its automatic and continuous measurement procedure enables the highly efficient checking of long sections of track in particular.

The sampling rate of measurement can be set according to the route length at different stages from 2 mm to 250 mm. Using the notebook supplied the user can enter text comments during the measuring process. Therefore special features in the track can be documented according to their exact position. The subsequent measuring result can be evaluated directly on location.

Key Features

- + Continuous digital measurements**
Automatic capture of measurement data every 2 mm
- + Space saving transport**
Via the optional hinge function the measurement system can be reduced to a compact size.
- + Outdoor-Notebook MPC**
Robust, portable notebook with touch-screen. Highest degree of operational safety under challenging conditions of use.
- + High performance measurement software**
The "CTScatcher" programme guarantees the exact recording, saving and evaluation of the measurement data. An interface for data exports to Excel is provided.



Useful: MessReg CTS can be folded together with a hinge mechanism while the ergonomic push bar is separable. Thus and in combination with the low dead weight the measurement system is easy to transport. Operational start up is completed with only a few hand movements by just one person.

MessReg CTS can fit into the storage space of a medium sized car without any problems.

Measuring parameters*

	Range	Resolution
Track gauge	1410 – 1490 mm	0,1 mm
Cant	± 170 mm	0,1 mm
Distance	continuous	1 mm
Twist		

Technical data*

MessReg CTS	
Length x width x height (collapsed for transport)	1650 x 515 x 550 mm (1130 x 515 x 270 mm)
Weight	13 kg
Note	The device is insulated.

** Note: All data are valid for nominal track gauge of 1435 mm. Other track gauge sizes are available on request.*

