

T330



Technical Data

Laser: 2 (EN 60825-1)
 Weight: 2400 g
 Body: Aluminium
 Range: 0–50m
 Rotation: 2 to 10 Hz
 Dimensions: 125 x 170 x 185 mm
 Prism error: < 0,02 mRad
 Step error: ± 0,05 mm
 Conical error: ± 0,01 mRad
 Self-leveling accuracy: ± 0.02 mRad (mils/in)
 Power supply: 8 batteries 1.5 V, type Mignon (AA/LR6) or A/C adapter

R310



Technical Data

Measuring range: 80 mm
 Resolution: 0.01 mm
 Angle record: 0.1°
 Temperature range: 0-50° C
 Protection Class: IP 54
 Voltage resolution: 0.1V
 Dimensions: 65 x 150 x 24 mm
 (with battery comp.: 65 x 150 x 48mm)
 Body: Aluminium

R545



Technical Data

Measuring range: 20 x 20 mm minus the Laser Ø
 Resolution: 1 µm
 Rotation Angle: 360°
 Angle record: 0,1°
 Wireless: Bluetooth class 1a
 Power supply: 7,4V Li-Ion battery pack
 Operation with battery: > 8 hours

All of the applications described can be measured using a combination of transmitters, sensors and software from Status Pro. Choosing the right equipment for your Service or Assembly Team and providing the training is part of the service we provide. The accuracy of your assembly ensures the quality of your machine as well as the quality of the product it produces. Professional equipment and training is our business.

Status Pro of Germany is a leading manufacturer of Laser Alignment Tools for Machine Assembly and Quality Control around the world.




Status Pro
maschinenmesstechnik

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Distributor

Geometric Laser Alignment for Machine Assembly and Quality Control



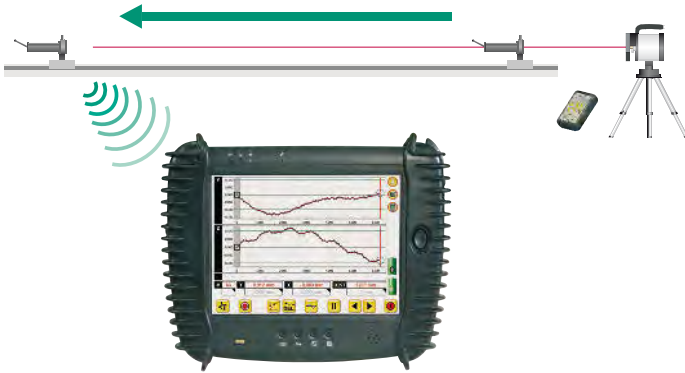
- **Straightness** Ways and Guides
- **Right Angles** Milling Machines
- **Levelling** Everything
- **Parallelism** Cylinder Rolls
- **Center Line** Bearings
- **Flatness** Everything


Status Pro
maschinenmesstechnik

Straightness

ProLine is a unique Straightness Measurement and Alignment Package. X,Y and Z are measured simultaneously along the line. Wireless, precise and very easy to use. The straightness of guides in production machines is often critical for product quality.

ProLine is a professional solution.



Bearing Center Line Alignment

ProOrbit is an ideal measurement package for bearing pockets from 0.6 up to 2.4m diameter.

A wireless sensor with an built-in inclinometer and n-point measurement make this alignment task a sure thing. The roundness of the bore is also recorded during the measurement.



Leveling and Flatness

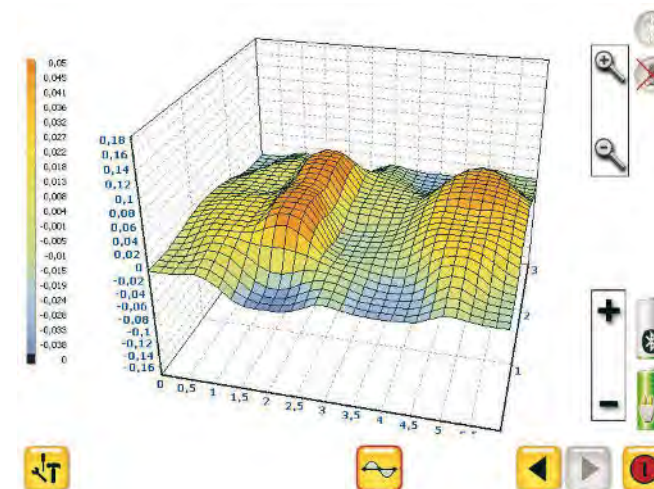


The **T330** creates a flat and level laser reference plane. We use the **R310** with its 80mm detector length to measure against this reference. The Software **ProLevel** lets you place these measurements on a template on site.

Advantages:

- Quick and easy to use
- Automatic self-leveling plane < 0.02 mRad (mils/inch)
- On-site documentation of measured results

ProLevel Results in 3D:



Flange Flatness Measurement



Flange Flatness Measurement is an important variation on the flatness theme and requires special attention. **ProFlange** is a software package which addresses these issues. You do not have to level the flange before measurement or ensure that the reference is parallel.

ProFlange Results in 3D:

