

# ProFlange®

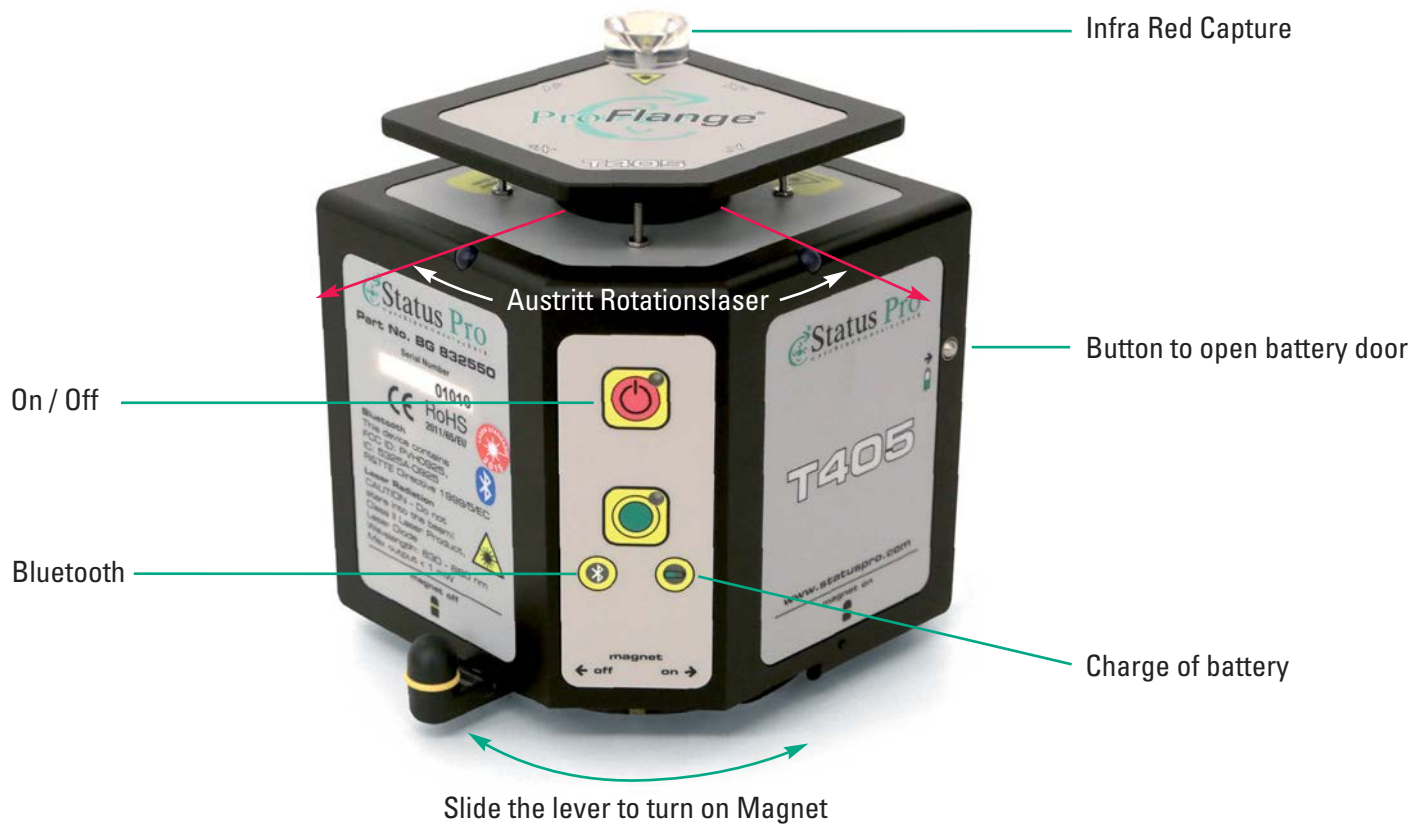
Flange Flatness Measurement made simple



Compact and robust  
Sweep Laser  
with integrated  
switch magnet.

## T405 Sweep Laser

The T405 is ideal for Flange Measurement. It is a very compact ca 100 mm Cube. It also has a motorised laser plane adjustment with bluetooth control.



*Ideal for  
Flange Mounting!*

# Rapid and precise Flange Measurement!

ProFlange® is an ideal instrument for measuring and reporting Flange Flatness. You can measure 2 or more flange rings, analyze your results and plan correction if required. Typical flanges in wind power can be measured and reported in less than 30 min. The laser can buck in to the plane automatically. ( It can communicate with the sensor ) All you need are the following 3 elements. Supplied in a practical and small case.

## Hardware



**Sweep Laser T405**  
Art.-Nr. BG 832550



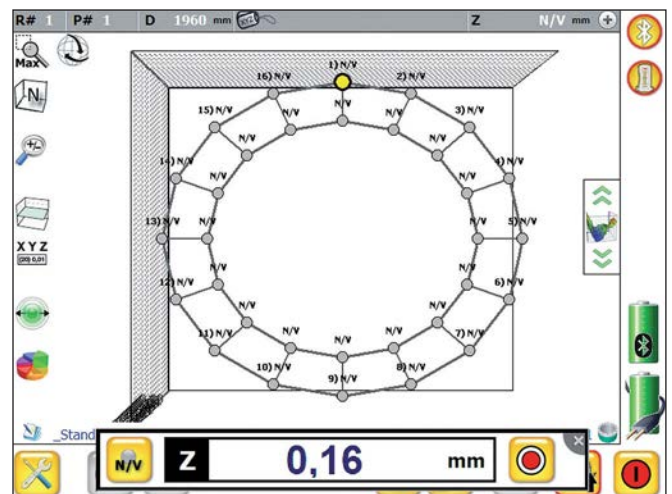
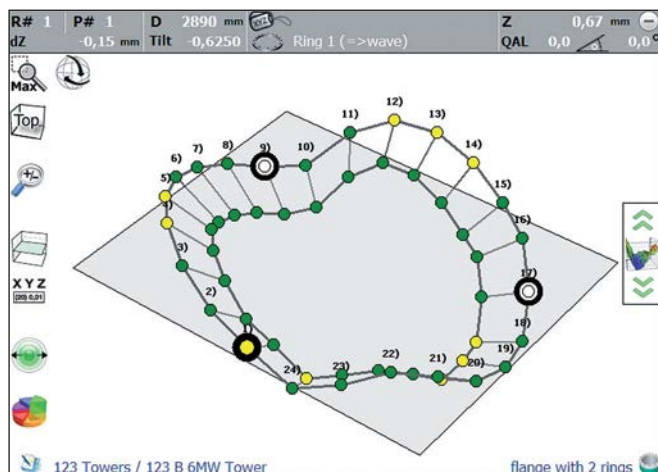
**Laser Receiver R280**  
Art.-Nr. BG 831500



**Display Unit with ProFlange® Software**  
Art.-Nr. IT 200510

## ProFlange® Software V3

- Supervisor and User Mode\*
- Templates
- Short and Long Wave analysis
- Flange Taper and Tilt3 Point
- Best Fit Flange Parallelism option







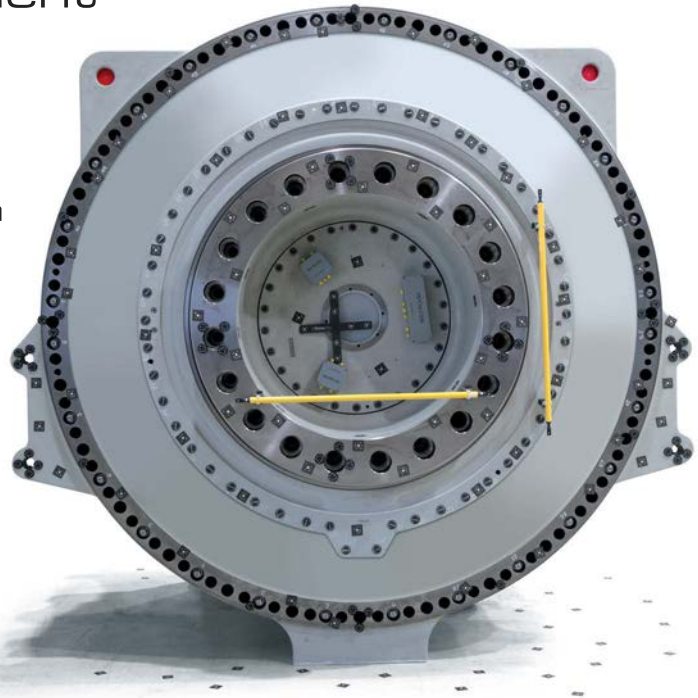
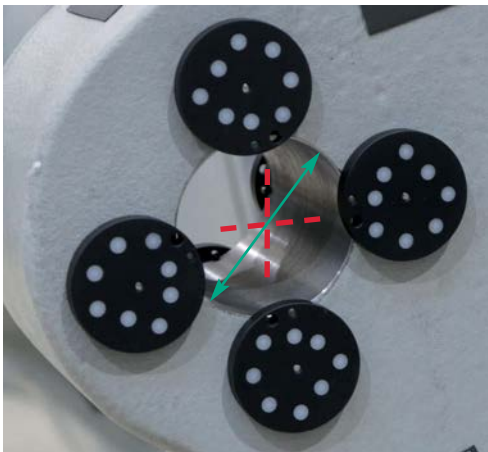
# ProGeo 3D

## Borehole Position and Diameter Measurement

Using the ProGeo Chip below Status Pro offers a uniquely simple and cost effective method for measuring the position and diameter of Flange Boreholes. The magnetic chips have a Pin which is placed in contact with the inner rim of the borehole. We can determine the position of the pin by taking photos of the chip. Thus using 3 or more Chips we have a precise measurement of the position and the diameter of the bore.

Pro Geo supports the following on a large number of bore holes simultaneously:

- Bore Position
- Bore Roundness
- Bore Diameter
- Flange Flatness Measurement



### Advantages of this approach:

- Complete Flange Measurement (Flatness and borehole position)
- Large number of points measured at once
- CAD comparison supported
- Entire Photo-Packages with chips is easily to transport
- It all fits into a light weight backpack



Borehole Position and Diameter Measurement is also available from Status Pro. However it is not part of the ProFlange Package.

 **Status Pro**  
maschinenmesstechnik

**Status Pro Maschinenmesstechnik GmbH**

Mausegatt 19 · 44866 Bochum · Germany

☎ + 49 (0) 2327 - 9881 - 0

📠 + 49 (0) 2327 - 9881 - 81

🌐 [www.statuspro.de](http://www.statuspro.de) · ✉ [info@statuspro.de](mailto:info@statuspro.de)

Industriestraße 11 · 85609 Aschheim · Germany

☎ + 49 (0) 89 - 904864 - 0

📠 + 49 (0) 89 - 904864 - 19

