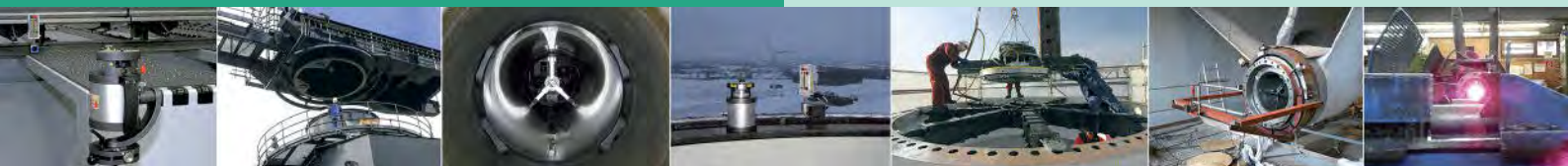


# SP ProOrbit<sup>®</sup> 30

Professional Package with IT  
for Bearing Ways and Bores



# Content of Professional Package with IT for **Bearing Ways and Bores**

## SP ProOrbit® 30

### T250 Laser source – with mounting adapter and power supply (SP T250-P)



The T250 Laser is a highly developed Laser source that is very small in dimension, which is a great help when measuring where there's not much room! The T250 Laser possesses a beam of outstanding quality.

### R545

#### Laser Receiver with a 2-Axis-PSD Technology and Bluetooth Interface (SP R545-P)



The R545 is a very accurate and yet robust Laser Position Sensor especially developed for measuring linearity. Connection with the Measurement PC for recording and display purposes is over Bluetooth. The R545 is powered by a commonly used Li-Ion Pack (externally rechargeable) ensuring continual measurement availability. Combined with the Pro Line software and a Bluetooth distance measurement meter, you are equipped to measure the X,Y and Z Axes simultaneously.

## DU 320 Rugged UMPC with touchscreen (IT 200410)



Rugged UMPC for industrial on-site. The UMPC offers protectors, shockproof design, holder for hand/arm.

- Change External Batt-Pack during use.
- Shockproof
- Water resistant

## 2x Rod, 150 mm length (SP 2-ROD-150)



Attachment rod: 10 mm diameter, M8 thread enabling fixture of a sensor.

## Mounting adapter T250, R280, R310 (BG 830780)



This adapter is of great practical help for measuring with the T250 laser or the R280 and R310 receiver. It allows to adjust the height of the laser or sensor by moving it on the attachment rods mounted on the Block magnet complete with a cross-bridge.

## Block magnet complete with a cross-bridge (BG 830315)



Block magnet (BT 943105) complete with a cross-bridge. This enables the mounting of a R545 Sensor or T250 laser with adapter BG 830780. Available attachment rods: BT 948155, BT 948156, BT 948157

## Power supply cable for T250 (BG 800025)



Power supply cable for the T250 with straight plug.

12 V, 450 mA  
incl. adapter

## Battery Pack Li-Ion for R545 (BT 800071)



External battery pack.

## Battery Charger for R545 (BT 800072)



External battery charger for batteries.

## External Battery for DU320 (IT 200207)



External battery for the display unit DU 320. While using a second battery at the display unit, the first will be charged in the charging station. The external battery pack can be changed during use.

## Battery Charger for DU320 (IT 200208)



External battery charger for batteries of the display unit DU 320.

## Borealignment Basic Kit for R545 (BG 832050)

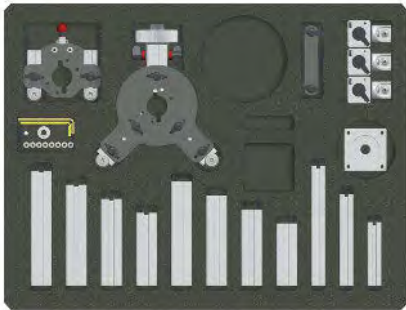


Kit 1 includes the adapter for the R545 for bore diameters of 60 – 450 mm.

Specially developed set for measuring Bores, Turbines and similar tasks. Complete with all the necessary attachments and extensions plus a large sortiment of fixings and screws to enable mounting in the most difficult and adverse conditions.

Will be sent in a separate case also including foam inlays.

## Borealign Kit 2 – Additional System for T250 (BG 832070)

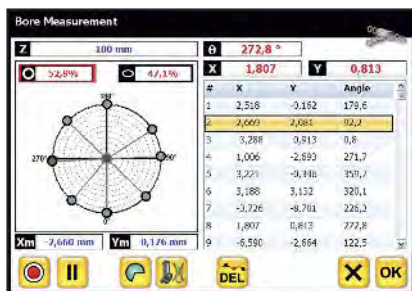


Kit 2 includes the adapter for the T250 laser for bore diameters of 60 – 450 mm.

Specially developed set for measuring Bores, Turbines and similar tasks. Complete with all the necessary attachments and extensions plus a large sortiment of fixings and screws to enable mounting in the most difficult and adverse conditions.

Will be sent in the case of borealign basic kit.

## ProOrbit v3 Software, first license for R5xx (SW 110020)



### ProOrbit v3 – the perfect software for Bore Alignment

- Excellent user interface: logical and user-friendly and nevertheless fully suitable for professional use
- Wireless transmission of x, y and rotation angle from the R545 laser receiver
- Two-point bore-centre detection for circular fits.
- Three-point bore measurements with detection of circular form
- Absolutely precise measurements due to n-point measuring with ovality and roundness detection
- Automatic measuring precision and validity test
- Automatic connection management, wireless via Bluetooth
- Automatic sensor detection
- Measuring point comments can be inserted and edited
- Easy-to-use touch screen, no keyboard needed.
- Reports and measured data can be stored on USB stick.
- Automatic calculation of the best reference
- High-performance display unit is robust and yet lightweight.

## Laser Kit Case small with foam inlays – version T250 (BG 990101)



Rugged Case IP65 with wheels and telescope handle.  
The small case is complete with the following main foam inlays:

- BT 990020: Foam inlay for R310, R5XX
- BT 990027: Foam inlay for UMPC
- BT 990036, BT 990037: Foam inlay for T250

Please contact us for further  
informations or questions.



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