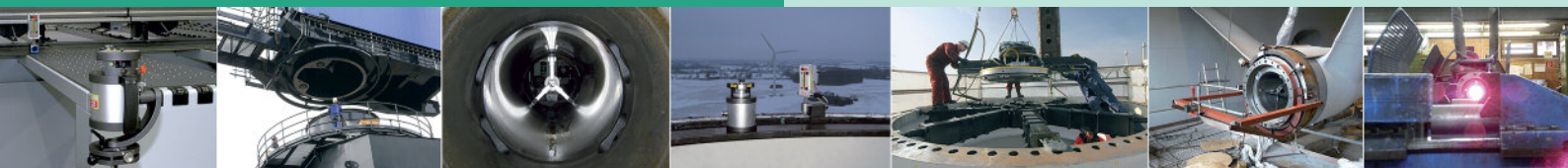# SP Pro*Orbit*® 10

Starter Package for Bearing Ways and Bores

Content of Starter Package for
Bearing Ways and Bores

SP Pro**Orbit**® 10

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.

R525 2 axis Laser Receiver with battery charger and power supply (SP R525-P)

The R525 is a rugged but precise 2D Laser-Position detector. It was developed originally for machine tool alignment applications. Because of the Wireless interface and its versatility it used today in a multitude of applications. In combination with the ProOrbit Software we measure XY and the angle of the sensor simultaneously. When using the T250 as laser source the system is very compact and very flexible to adapt. If we use the T330 as a laser source we have a reference which automatically levels itself. These features together are very powerful and save a great deal of time on-site.

Borealignment Basic Kit for R525 (BG 832050)

Kit 1 includes the adapter for the R525 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.

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

Block magnet (BT 943092) complete with a cross-bridge. This enables the mounting of a R525 Sensor or T250 laser with adapter BG 830780. Available attachment rods: BT 948155, BT 948156, BT 948157

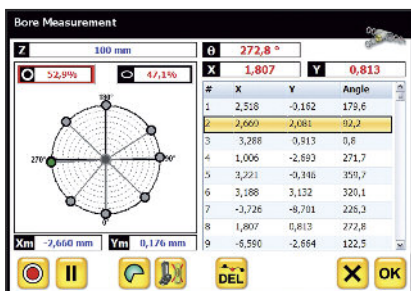## 2x Rod, 150 mm length (SP 2-ROD-150)

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.

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 R525 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 R310BT R525
- 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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