

SP ProLine[®] 200

Straightness Professional Package



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Content of the Straightness Professional Package

T430 Self levelling and calibrating rotational laser (SP 832500)



The T430 Laser is the first precision laser that can be completely controlled by a PC. Even the temperature, sensor data, vibrations etc. can be displayed. This self-calibrating device is the second generation of digital laser from Status Pro. Even a self-aligning with the sensors is possible just by a click in the software. The complete equipment is connected by Bluetooth so that the handling is as easy as possible.

R540 Laser Receiver with a 2-Axis-PSD Technology and Bluetooth (SP 830440/1)



The R540 is a very accurate and yet robust Laser Position Sensor especially developed for measuring linearity. The R540 has a downwardly offset detector lens enabling measurement directly above the object. This minimizes offset error due to tilt or roll. Connection with the Measurement PC for recording and display purposes is over Bluetooth. The R540 is powered by a commonly used Li-Ion Pack (externally rechargeable) ensuring continual measurement availability. Combined with the ProLine software and a Bluetooth distance measurement meter, you are equipped to measure the x-, y- and z-axes simultaneously.



D140 Distance meter (SP 832200)

The D-140 distance measurement device provides always the position of the receiver. So automated measurements are possible. The complete communication is Bluetooth based.

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

Block magnet (BT 943105) complete with a cross-bridge. This enables the mounting of a R540 Sensor or T250 laser with adapter BG 830780. Available attachment rods: BT 948155, BT 948156, BT 948157.



2x Rod 150 mm length (BT 948157)

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



Mounting Adapter T250, R280, R310, R540 (BG 830780)

This adapter is of great practical help for measuring with the T250 laser or the R540, 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.



ProLine V6 Software with starter license (SW 200203)

ProLine V6 – Alignment software for linear guides

Easy measurement and professional analysis

- Automatically connection management, wireless via Bluetooth
- Measurement of x- and y-axis simultaneously
- Automatically detection of the distance
- Manually or automatically measurement
- Zeroing of two points or ISO 1101 / ISO 230
- Adjustment with live values
- Data view with all values and calculations
- One click report containing all graphics and data in pdf format
- Easy to use touchscreen software



Laser kit Case (BG 990114)

Rugged Case with special foam inlay.
Dimension: 487 x 386 x 185 mm.



Please contact us for more information.



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