

# SP ProLine® 300

Professional Package with IT for  
Straightness, Flatness, Parallelism  
and Perpendicularity



# SP ProLine® 300

Content of the professional package with IT for Straightness, Flatness, Parallelism and Rectangularity

## T430 Self levelling and calibrating rotational laser (BG 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 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 (BG 830440)



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.

## 2x R290 Laser Receiver (BG 831600)

The R290 Receiver is part of the newest generations of receivers for the rotational laserbeams, developed by Status Pro. The receiver is accurate for measurements in the range of  $\mu\text{m}$ . It can be used for machine alignment as well as squareness and perpendicularity measurements. The R290 Receiver in combination with the T430 Laser is a highly precise measurement system.



## D140 Distance meter (BG 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.



## RC310 Remote Control for T430 und R290 Monitor (BG 830930)

- Remote control for the T430
- Remote Display of current R310 values

**The RC310 is of great practical use in most applications:**

- for establishing reference lines in roll parallelism
- for adjusting the T330 laser position
- it saves you a great deal of shoe leather on-site



## DU320 Rugged UMPC with touchscreen (IT 200510)

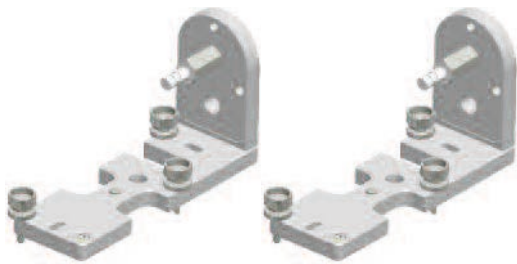
**Rugged UMPC for industrial on-site. The UMPC offers shockproof design and rubber grips with handstraps.**

The computer is suitable for use "in the field". Internal data connection to the Status Pro sensor technology over USB and bluetooth.

- Accumulator exchangeable while operating
- Shockproof
- Water resistant
- With arm-/handstraps



## 2x Floor, wall and Tripod adapter for R280 (BG 830119)



This adapter is of great practical help for mounting R310 in a large variety of applications.

Be it simply to mount the R310 on a Tripod, make a reference point on a wall, or pickup reference floor points. This adapter can also be used to make additional parallel reference lines. This is very useful for machine assembly personnel.

## Universal-Adapter for T250, R280, R310, R540 (BG 830780/1)



The adapter plate BG 830780 allows to install a Laser T250 or R280 / R290 / R310 / R540 Receivers at a magnet 830315 or other surfaces by using cross-bars and poles.

Because of different bores in combination with the bars laser or receiver are adjustable in height.

## 2x Switch magnet with prism bottom – 60 x 50 x 55 mm – M8 – 750N (BT 943105)



Block magnet for many measuring and fixing tasks.

The upper surfaces has an M8 thread for attachment purposes.

Dimensions: 60 x 50 x 55 mm, 750N.

## 2x Screw adapter M8 (BT 948336)



Screw adapter with an M8 thread to enable the R310 or R280 to be mounted on different objects.

Installed adapter length: 30 mm.

## 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.

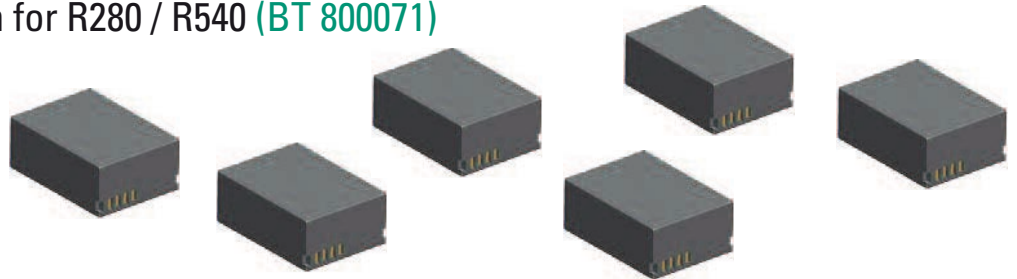
## 2x Rod 150 mm length (BT 948157)

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



## 6x Battery Pack Li-Ion for R280 / R540 (BT 800071)

External battery pack



## 3x Battery Charger for R280 / R540 (BT 800072)

External battery charger



## 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.



## USB-Stick Micro Twist (DBPA SP USB-MICRO)

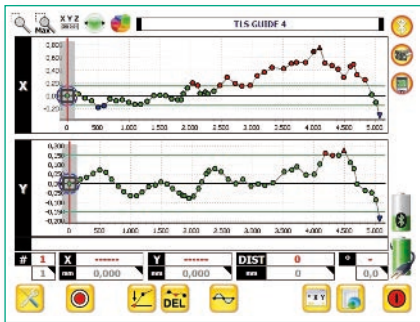
USB-Stick with 4 GB storage

**Content:**

- Software
- User Instructions, Technical Data, CE-Certificates



## ProLine V4 Software with starter license (SW 200103)



### ProLine V4 – 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 by Bluetooth Disto(TM)
- 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.

1x BG 990116 Case for ProLine with foam inlay, Proflange and ProLevel

2x BT 948438 Grip

2x BT 946138 Screws M6 x 30 DIN 7991

1x BT 951056 Sticker

Please contact us for more information.



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