

SP Pro *Twist*

Differential package
for Straightness and Roll measurements



Components of Differential Package for **Straightness** und **Roll Measurements**

SP Pro*Twist*

2 x ***μLevel*** Spirit Level with Bluetooth (BT 840100/1)



The precise alignment of machines is an important part of the Quality Management process. Especially in the tool machinery market precision down to a μm is required. The new μLevel system is an easy to handle yet very precise system for the measurements of straightness and parallelism.

You can use it as a stand alone instrument or in combination with software which guides you through the steps and then documents the results.



You can also use two μlevels at the same time. Where one of them serves as a continuous reference. You can also store the measurements in the unit and connect it to the software afterwards.

By using the integrated Bluetooth device you can connect the μLevel directly to a Android smartphone or to a WIn-dows based PC.

External Display (IT 200611)



We offer a smart phone as a external display unit for the μLevel . This device can be used without a SIM card.

This mobile meets IP68 and MIL-STD 810G standards so it is durable enough to withstand harsh conditions. The 5" touchscreen is well protected.

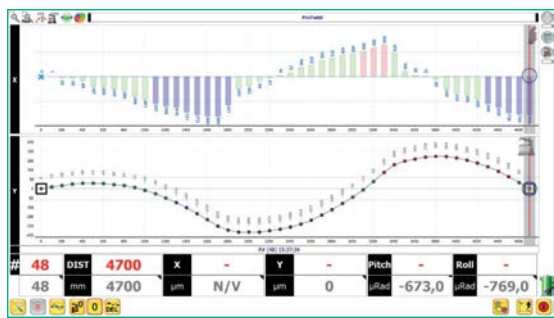
Software for remote indication on Android-System (SW 200190)



The software connects two μLevel systems at the same time. You can "zero" the data or show them a differential value.

Furthermore you can save and export your measured data in csv format to use them e.g. in a spreadsheet software.

ProLine V4 Software Starter License (SW 200103)



ProLine V4 – Alignment software for linear guides

- Easy measurement and professional analysis
- Automatic evaluation and graphics during the measurement
- Automatically connection management, wireless via Bluetooth
- Measurement of Pitch and Roll simultaneously
- Differential measurements are possible
- Automatically detection of the distance by Bluetooth Disto™
- Manually or fully automatically measurement
- Zeroing of two points or best-fit analysis
- 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

Case for μLevel Differential System, with Foam Inlay (BG 990108)



The rugged Case contains the following:

2 x BT 840100/1
1 x IT 200611

1 x SW 200190
1 x SW 200101
1 x SW 200102
1 x BG 990108

1 x DBPA SP USB-MICRO
2 x BT 990015
8 x BT 908013
1 x BT 840120

μLevel unit with Bluetooth
μLevel Ext. Display (146,2 x 73,3 x 9,7 mm)
Samsung Galaxy Xcover 4, 5" Display
Display software for μLevel on a Android basis
ProLine v4 Software – first license
ProLine v4 Software – second license
Very robust SP Laser Case IP65
for μLevel System
USB Stick Micro Twist, 4 GB
Box for 4 AA Rechargeable Batteries
Rechargeable Battery LR6 / Mignon / AA / 1.5 V
Foam Inlay for μLevel Case

Optional:

D140 Bluetooth distance meter with internal battery pack (BG 832200)



The D140 measures the distance between the laser and the receiver. Use the excentric screw to align the laser horizontally or vertically. There is an automated bluetooth communication between the D140 and the ProLine® software. It is possible to measure fully automatically. Furthermore the possibility for incorrect measurements is minimized.

DU420 Rugged UMPC with Touchscreen (IT 200420)



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

- Change external battery pack during use.
- Shockproof.
- Water resistant.

Please contact us for further informations or questions.



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