μLine 10

Laser-Interferometer Starter Package

Another fine solution by Status Pro
Content of the Starter Package for Machine Alignment

µLine – Laser LH2 (BT 840205)
- Two frequency Interferometer with highest accuracy.
- Integrated Compensation unit
- Integrated Beam alignment
- Integrated Alignment caps
- Integrated Angular adjustments
- Magnetic base
- Integrated Bluetooth

IL1 Interferometer Element (BT 840270)
- External Interferometer Element
- Integrated 90° beam
- Integrated Spirit level
- Integrated Alignment caps
- Standard 8mm stud

RL1 Reflector element (BT 840280)
- Integrated Alignment caps
- Standard 8mm stud

2 x UM1 Magnetic mounting (BT 840260)
- Magnetic mounting with adjustable arm for the optical elements
T1 Material temperature sensor (BT 840290)
• Precise, calibrated surface temperature sensor
• Wireless

TH Environment sensor (BT 840295)
Precise calibrated sensor for:
• Air pressure
• Air humidity
• Air temperature
• Wireless

PC Software base (SW 840200)
Content of the basic software:
• Beam alignment
• Position measurement
• G-Codes
• Compensation table for Siemens, Heidenhain etc.

Power supply (BT 840220)

USB cable (BT 840300)

Case (BT 840320)
• Rugged transport and store case
Also for the µLine available: many extension kits for rotary table, roll and nick, straightness, flatness or right angle measurement. Please contact us for more information.

**Optional Extension kit for Roll and Nick measurement**

*Autocollimation type straightness (BG 840210)*

Content:
- 1 x Angle Interferometer Prism IK1
- 1 x Angle unit with Retro Reflector RK1, base length 100 mm

**Optional Extension kit for Flatness Measurement for surfaces up to 15 x 15 m (BG 840270)**

Content:
- 1 x Tilted Mirror BB2

**Rotary kit for the precise measurement of turn tables (BG 840240)**

The indexer allows a precise measurement and compensation of turn tables. The measurement requires the BG 840210.

Content:
- 1 x Rotary indexer
- 1 x BT Module
- 1 x Rugged case

**Extension kit for angular measurements (BG 840260)**

3D Etalon for the measurement of 90° with the mentioned 3D precision.

µLine is a co-operation project between the University Wrocław (Breslau), Lasertex Co. Ltd. and Status Pro Maschinenmesstechnik GmbH.