μLine 20

Laser-Interferometer Professional Package

Another fine solution by Status Pro
Content of the Professional 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

Laserkopf Upgrade 3D (BT 840410)
Upgrade for 3D measurements

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

2 x HB1 Adapter (BT 840405)
• Mounting of the optical elements on SR1 or SR2

SR1-50 Rod (BT 840395)
• 50 mm Rod for use on the magnet of UM1

SR1-100 Rod (BT 840400)
• 100 mm Rod for use on the magnet of UM1
T1, T2, T3 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.

PC Software module 1 (SW 840201)
- Straightness*
- Flatness*

PC Software module 2 (SW 840202)
- Dynamic measurements

PC Software module 3 (SW 840203)
- Rotary measurements (turn table)*

PC Software module 4 (SW 840204)
- Flatness*
- Parallelism*
- Rectangularity*

PC Software module 5 (SW 840205)
- Vibration measurements*

* For some applications you need additional components.
Power supply (BT 840220)

USB cable (BT 840300)

Manual Starter with cable STROBE (BT 840310)

Tripod (BG 840231)
- Complete with alignment head

Case (BT 840320)
- Rugged transport and store case

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