



The PC-based roughness measuring stations leave nothing to be desired in terms of the evaluation possibilities for calculation and representation of the roughness parameters according to international standards.

Even complex measuring tasks can be implemented with these systems. With the optional CNC software, measurements can be made fully automatically.

Whether in the measuring room or on the production line, the HOMMEL TESTER T8000 is available in all suitable configurations. The modular concept allows these roughness measuring stations to be extended for topography measurement or contour measurement at any time later and are therefore a safe investment.

You have the choice, we have the right measuring station configuration depending on the workpiece size and measuring task.

## HOMMEL TESTER T8000

The stationary roughness measuring station for all applications

Delivery and performance characteristics  
Evaluation unit HOMMEL TESTER T8000

- PC-based evaluation unit including software
- Incl. 17" TFT monitor and printer
- Stone plate with T groove, 780 x 500 mm or 1000 x 500 mm

Motorised measuring column wavelift<sup>TM</sup> 400 or wavelift<sup>TM</sup> 800

- Travel 400 mm or 800 mm
- Automatic probe positioning
- Traverse units waveline<sup>TM</sup> 60 or waveline<sup>TM</sup> 12
- Traverse length 60mm or 120 mm
- Guide accuracy 0.2  $\mu\text{m}/60\text{ mm}$  or 0.4  $\mu\text{m}/120\text{ mm}$
- Tilt unit for waveline<sup>TM</sup> 60/120
- Rough adjustment range  $\pm 45^\circ$
- Fine adjustment range  $\pm 5^\circ$
- Probe set TKU 300/600
- Measuring range  $\pm 300\ \mu\text{m}$  (with TS2  $\pm 600\ \mu\text{m}$ )
- incl. 4 exchangeable probe arms
- Geometry standard RNDH 2