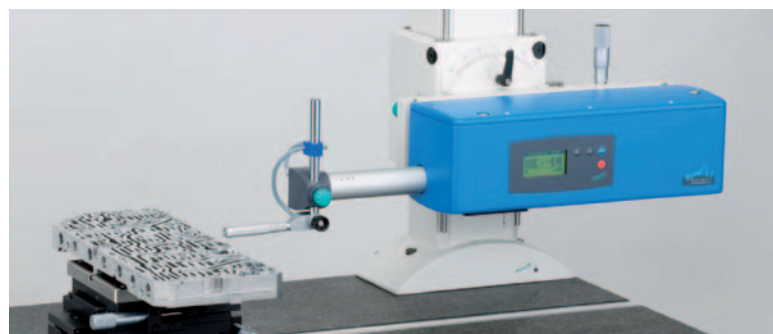




HOMMEL-ETAMIC T8000

Systems for precise roughness measurement

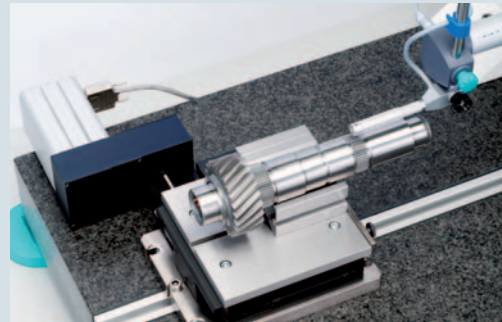
- Traverse unit with high straightness accuracy, high resolution, exact positioning and bi-directional measuring
- Solid and robust motorized measuring column for exact positioning and precise measurement results in every position
- Accessories for different applications included
- Innovative, user-friendly evaluation software TURBO WAVE with menu-guided operation
- CNC software option for automated measuring runs



Precision is our business.



Pick-up adapter



Option: topography measurement



RNDH2 roughness standard



Pick-up set TKU

HOMMEL-ETAMIC T8000 Roughness

T8000 R60-400 Art. 1001 7061
 T8000 R120-400 Art. 1001 7062
 T8000 R120-800 L Art. 1001 7063

Standard equipment

- Evaluation unit with 19" TFT flat screen, color printer, CD-writer
- Evaluation software TURBO WAVE
- Measuring column wavelift with motorized height adjustment and 0.1-12 mm/s traverse speed: max. traverse 400/800 mm
- Traverse unit waveline 60/120 advanced with linear encoder and 0.1 μm resolution; tracing length 60 mm and straightness accuracy < 0.2 $\mu\text{m}/60$ mm or tracing length 120 mm and straightness accuracy < 0.4 $\mu\text{m}/120$ mm
- Tilting unit for traverse unit with coarse adjustment range $\pm 45^\circ$ and fine adjustment range $\pm 5^\circ$
- Granite plate with 10 mm T-slot: 780 x 500 or 1000 x 500 mm
- Pick-up set TKU with 4 tracing arms for different applications
- Pick-up holder FHZ
- Roughness standard RNDH2 with Ra approx. 1 μm and Rz approx. 3 μm
- Option: measurement of topography

Parameters

Roughness parameters EN ISO 4287	Ra; Rz; Rmax; Rt; Rq; Rsk; lmo; lo; Rdq; da; ln; La; Lq; Rz-ISO; R3z; Rpm, Rp3z; R3zm; Rp; D; RPC; RSm; Rpm/R3z; lr; Rku; tpif; Rdc; tpia; tpip; tpic; Rt/Ra; Rz1; Rz2; Rz3; Rz4; Rz5; Rmr; Rmr%; Api
Rk parameters EN ISO 13565	Rpk*; Rpk; Rk; Rvk*; Rvk; Mr1; Mr2; A1; A2; Vo (70 %); 1,01*; Rv/Rk
Profile parameters EN ISO 4287	Pt'; Pp; Pz; Pa; Pq; Psk; PSm; Pdq; lp; Pku; tpa; f; tpaa; tpab; tpac; Pmr0; APa; APa%; Pmr; Pmr%; Pdc
Waviness parameters EN ISO 4287	Wt'; Wp; Wz; Wa; Wq; Wsk; WSm; Wdq; lw; Wku; Wdc
Waviness parameters VDA 2007	WD1c; WD1t; WD1sm; WD2c; WD2t; WD2sm
Motif parameters EN ISO 12085	R; Rx; AR; Nr; W; Wx; AW; Nw; Wte; Tpa; f (CR, CL, CF)
Roughness parameters JIS B-0601	Rz-JIS; WCA; WCM