



## HOMMEL-ETAMIC C8000

Compact and precise contour measurement systems

- 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 with menu-guided operation
- CNC software option for automated measuring runs
- Contour pick-up inductive or digital



Precision is our business.



Contour pick-up wavecontour digital



Calibration set



Measuring table MT1

## HOMMEL-ETAMIC C8000

C8000 inductive Art. 1001 7064  
C8000 inductive E Art. 1002 7686

C8000 digital Art. 1001 7065  
C8000 digital E Art. 1002 7687

### Standard equipment

- Evaluation unit with 19" TFT flat screen, color printer, CD-writer
- Evaluation software for contour
- Measuring column wavelift with motorized height adjustment and 0.1-12 mm/s traverse speed: max. traverse 400 mm
- Traverse unit waveline 120 C with linear encoder and 0.1  $\mu\text{m}$  resolution; tracing length 120 mm; straightness accuracy < 0.4  $\mu\text{m}/120$  mm
- Tilting unit for traverse unit with coarse adjustment range  $\pm 45^\circ$
- Granite plate with 10 mm T-slot:  
780 x 500
- Contour pick-up wavecontour inductive (measuring stroke 20 mm; resolution 0.666  $\mu\text{m}$ ) or digital (measuring stroke 60 mm; linear encoder; resolution 0.05  $\mu\text{m}$ ) with tracing arm and hard metal tip TA-60
- Calibration set with gauge blocks, calibration ball, ceramic baseplate
- Measuring table MT1 for part positioning (C8000 inductive and C8000 digital only)
- **Kenngroößen:**  
Point, straight line, radius, angle, min-max function, X distances, Z distances, radii comparison, aligning, base formation, profile fit, measuring report specification, nominal-actual comparison, convexity measurement, statistics SPC, rotation and translation of the profiles and many more.



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