

»pomBasicMicro«

The compact solution for the inspection of micro tools

The ZOLLER »pomBasicMicro« is the compact and production-related ZOLLER inspection machine for inspecting and measuring micro tools. Tools of the smallest sizes can be recorded with the special video micro system monochromatic camera. Individually adaptable »pomSoft« image processing with intuitive operation offers numerous measuring and evaluation algorithms, primarily for measuring angles, distances, wear and tear, the quality of cutting edges and micro sections. The compact and universal »pomBasicMicro« can be used in the metrology room, goods receiving or directly in production.

Important features:

- Video microscope system monochromatic camera
- Manual tool holding »pomPrisma«
- ZOLLER »pomSoft« image processing
- Robust and workshop-compatible
- Consistent use of branded products

Technical data

	»pomBasicMicro«
Travel range X-axis:	200 mm
Travel range Y-axis:	± 50 mm
Travel range Z-axis:	60 mm
Measurable and clampable shank diameter:	2 mm - 32 mm
Color camera »pomColorCam«:	12-fold zoom macro lens Field of view 0.5 mm – 6 mm Operating distance 50 mm Depth of field 0.05 mm – 0.5 mm

Note:

The quoted measuring range may be reduced under circumstances when using adapters and tool posts. Manual fine adjustment of all axes

Software

»pomSoft«

Fast, easy and modular to meet any requirement

- Interface for all screen resolutions
- For all »pom« inspection machines
- For measurement in the metrology room or in manufacturing



Your added value

- Inspection unit for process-related inspection and measuring of micro tools at incident light
- For compact and universal use for production-linked installation directly next to the CNC machine, in metrology rooms or goods receiving
- Detailed micro precise documentation of all measured results

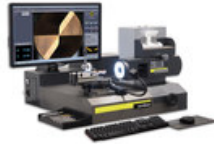


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Then you may be interested in following too:



The ZOLLER
»genius«
The universal
measuring machine
for tool inspection



The ZOLLER
»pomBasic«
The compact solution
for a universal tool
inspection