

WHITE-LIGHT INTERFEROMETRY

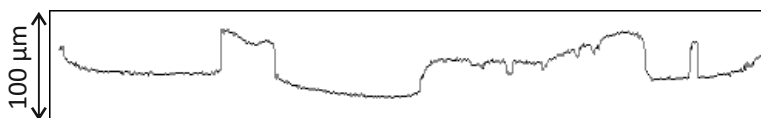
White-light interferometry is a precise method for measurement of the geometrical shape of objects.

ACQUIRED INFORMATION

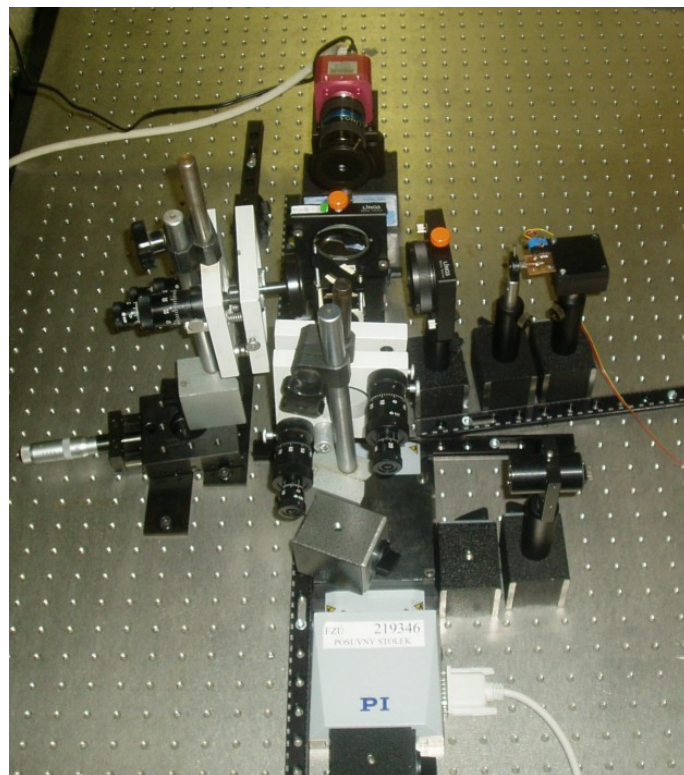
- > Geometrical shape of measured object
- > Depth of holes and height of steps
- > Roughness

SAMPLE TYPES

- > Suitable for exact shape measurement of components, products and mouldings
- > Method is suitable for most prevailing technical surfaces, metal and plastic



Measured height profile of a coin (coded in gray scales) and the cross-section along the horizontal line.



Laboratory measurement set-up.

MODES, CONDITIONS AND PRECISION

- > Coaxial illumination and scanning allows measurement also inside holes and around edges
- > Height profile is measured with accuracy of 1 μm
- > Maximum cross-section dimension of the measured area is of 30 mm
- > The result of the measurement is exported in the form of 3D data, from which it is possible to generate height profiles and their cross-sections (see figure)

DETAILED INFORMATION ON REQUEST



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