µPhase® VERTICAL PRO

Automatic measurement device for lenses, molds, wafers

Compact and automated stand for measurement of surfaces and radii of multiple samples in one cycle

Key Features:

- Measurement of spherical, toric and aspheric lenses and molds of glass, plastic or metal
- Highest accuracy of 0,1µm for sample radii up to 50mm
- xy-table for the fully automated measurement for several samples in one batch, depending on measurement setup
- Layout of the sample holder (tray) is freely configurable and can be easily changed (tray design on request)

Technical Data:

- Travel ranges x/y/z axis : 200/100/50mm
- Positioning accuracy:
  - z axis: <0,5µm
  - x/y axis: <3µm
- Short setup time
- Travel speed >10mm/s
- Measurement accuracy for shapes typically λ/20 (λ=633nm)
- Radius accuracy up to ±0,1µm
- Table-top device with vibration reducing granite base
- Adaption for wafers possible

For further information please contact support@trioptics-berlin.com.