

μ Phase[®] 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 0,1 μ m 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: <0,5 μ m
 - x/y axis: <3 μ m
- Short setup time
- Travel speed >10mm/s
- Measurement accuracy for shapes typically $\lambda/20$ ($\lambda=633\text{nm}$)
- Radius accuracy up to $\pm 0,1\mu\text{m}$
- Table-top device with vibration reducing granite base
- Adaption for wafers possible



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