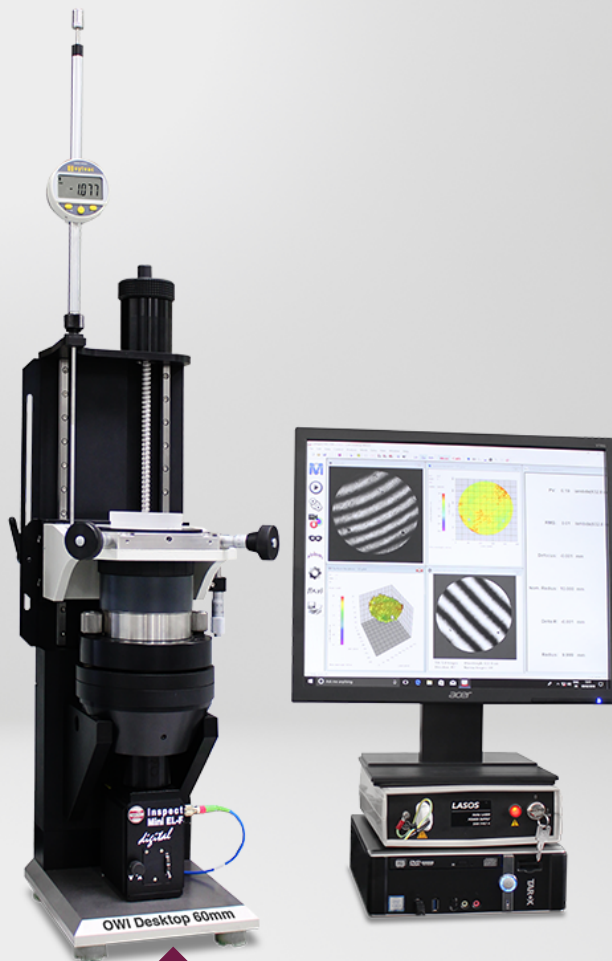




OptoTech

# OWI Desktop 60 mm

Interferometer for Non-Contact Testing and Measuring of Spheres

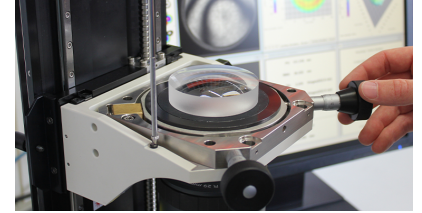


The compact workshop interferometer OWI Desktop 60 mm is the ideal measuring machine for endoscopy and micro production.



## Technical Data

	OWI Desktop 60 mm
Application	Non-Contact Testing and Measuring of Spheres
Measuring Range Diameter (60mm reference sphere)	0.5 mm - 60 mm
Measuring Range Radius	Depending on reference sphere
Drive	Manually with microscope drive
Interface	Bajonett 2"
Measuring Accuracy	$\lambda/20$
Reference Spheres	60mm F/D 0,6 - 3,3
Travel	220 mm (60 mm)
Dimensions	Width: 230 mm, Height: 435 mm, Depth: 230 mm
Weight (approx.)	12 kg
Disclaimer	All data are subject to change without notice. Please verify details with OptoTech.



## Highlights

- Compact workshop interferometer ideal as a shape and radius measuring device for endoscopy and micro optic application
- Non-contact testing of the shape and radius of spheres (shape measurement optional with software)
- Sturdy, vibration cushioned design
- Compact design, can easily be co-located directly adjacent to the polishing machine
- Safer and more precise than test plates
- 3-axis fine-adjustment stage with micrometer screwst
- Includes our high class Interferometer module OptoTech Inspect Mini EL-F digital
- Use of high quality OptoTech 60mm reference spheres measuring from micro-optics to optics in the 4" range

## System Advantages

- Easy handling
- Short measuring cycles
- No damage to surface
- Compact and sturdy design

## Options

- Various precision gauges for easy location of the test position
- Shape measurement optional with software
- Optional thread adapter M75
- Static fringe analysis software (Fringe OWI) or phase shifting fringe analysis software (OptoTech  $\mu$ Shape OWI)
- OptoTech Fizeau interferometer lenses 60mm in standard accuracy  $\lambda/20$