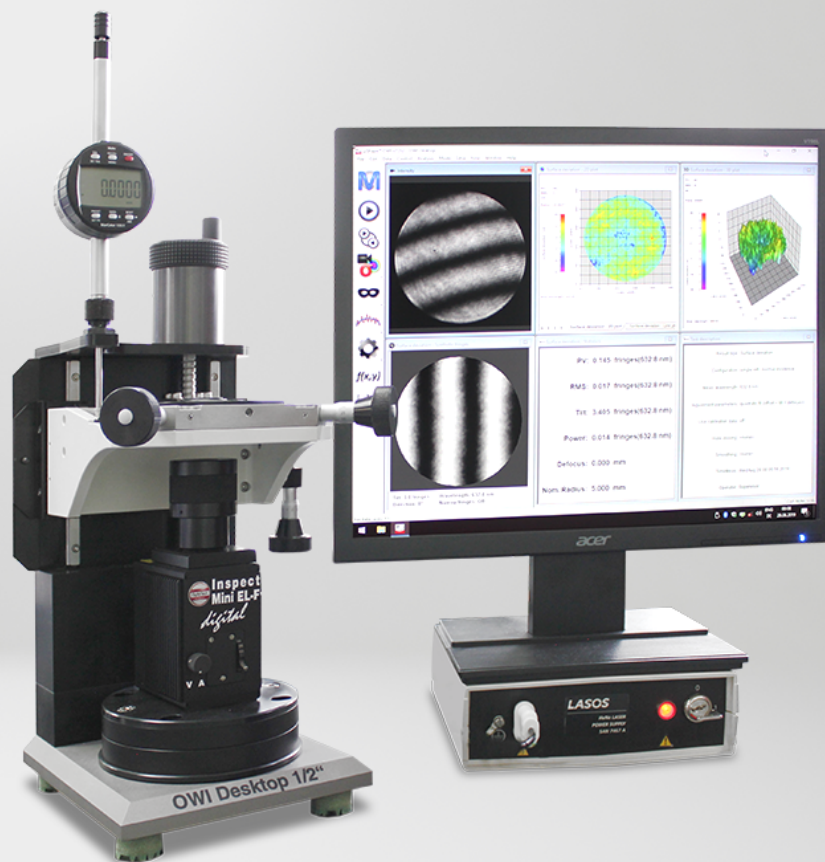




OptoTech

OWI Desktop 1/2"

Interferometer for Non-Contact Testing and Measuring of Spheres

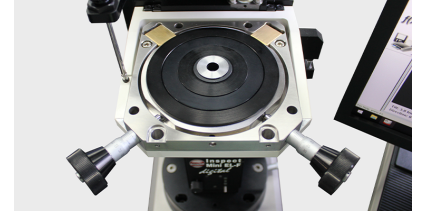


The compact workshop interferometer OWI Desktop 1/2" is the ideal measuring machine for endoscopy and micro production



Technical Data

| | OWI Desktop 1/2" |
|--|--|
| Application | Non-Contact Testing and Measuring of Spheres |
| Measuring Range Diameter (1/2" reference sphere) | 0 mm - 13.6 mm |
| Measuring Range Radius | Depending on reference sphere |
| Drive | Manually with microscope drive |
| Interface | 1/2" reference spheres with M25x0.75 thread |
| Measuring Accuracy | $\lambda/10$ |
| Reference Spheres | F-Aplanar F/D 0.59 / F/D 1.0 |
| Travel | approx. 70mm |
| Dimensions | Width: 230 mm, Height: 435 mm, Depth: 230 mm |
| Weight (approx.) | 6 kg |
| Disclaimer | All data are subject to change without notice. Please verify details with OptoTech. |



Highlights

- Non-contact measuring system for lenses, no damage to surface due to non-contact measurement technology
- Sturdy, vibration cushioned design
- Safer and more precise than test plates
- Compact design, can easily be co-located directly adjacent to the polishing machine
- 3-axis fine-adjustment stage with micrometer screws
- Includes our high class Interferometer module OptoTech Inspect Mini EL-F digital

System Advantages

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

Options

- Integrated radii measurement due to precision gauge
- Professional fringe evaluation software: OptoTech Fringe OWI (static) or phase shifting (OptoTech μ Shape OWI)
- Different reference spheres available
- Various lens holders