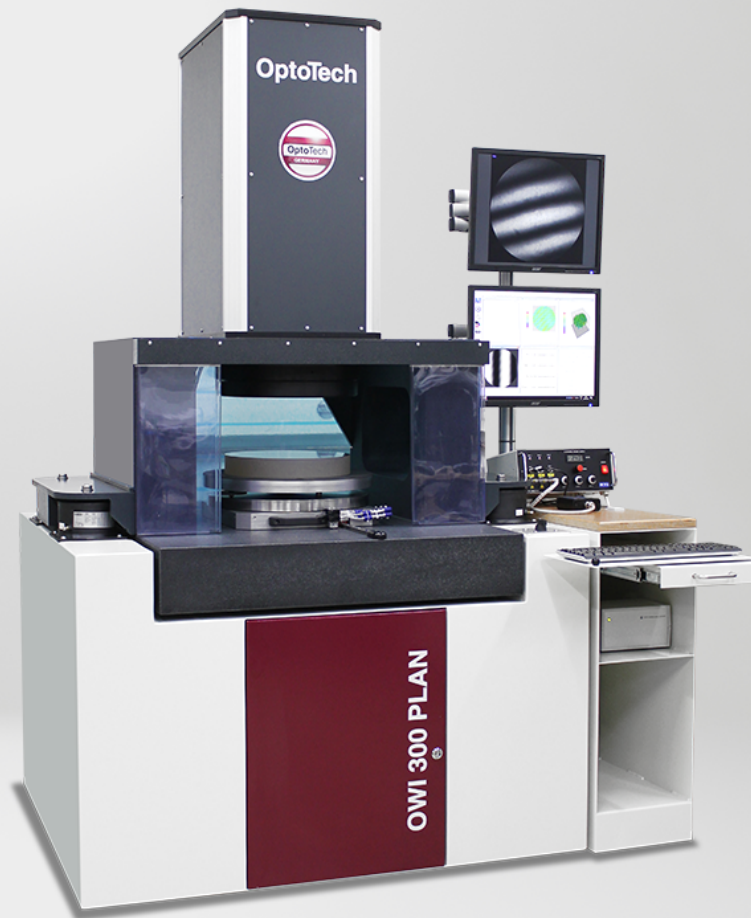




OptoTech

# OWI 300 PLAN

Interferometer for Optics up to  $\varnothing$  300 mm

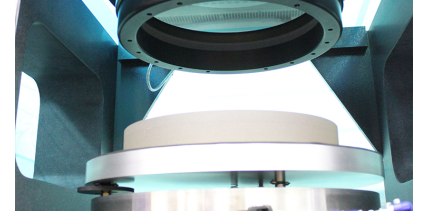


The workshop interferometer OWI 300 PLAN is the ideal measurement system for testing plano single surfaces or lenses produced as multi blocks.



## Technical data

	OWI 300 PLAN
Application	Non-Contact Testing and Measuring of Plano Surfaces
Measuring Height	0 mm - 270 mm
Measuring Range Diameter	0 mm - 304.8 mm
Note Air Pressure	max. 60l/h consumption
Measuring Accuracy	$\lambda/10$ (depending on reference sphere)
Air Pressure Requirement	8 bar
Power Requirement (others on request)	230 V / 50 Hz / 10 A
Dimensions	Width: 1600 mm, Height: 2230 mm, Depth: 1200 mm
Weight (approx.)	1228 kg
Disclaimer	All data are subject to change without notice. Please verify details with OptoTech.



## Highlights

- Vertical beam guidance on rigid portal construction
- Mounted on a vibration absorbing granite base
- Passive air-type shock absorbers
- Electrically variable zoom device for magnification of the interference image
- Air bearing table for lateral positioning
- Tip and tilt device
- Safe from air housing

## System advantages

- Quality of the Fizeau-surface  $\lambda/10$  for 80% of the measuring diameter

## Options

- $\mu$ Shape OWI Software for fringe analysis
- 12" calibration standard made of zeredur ( $\lambda/20$ )