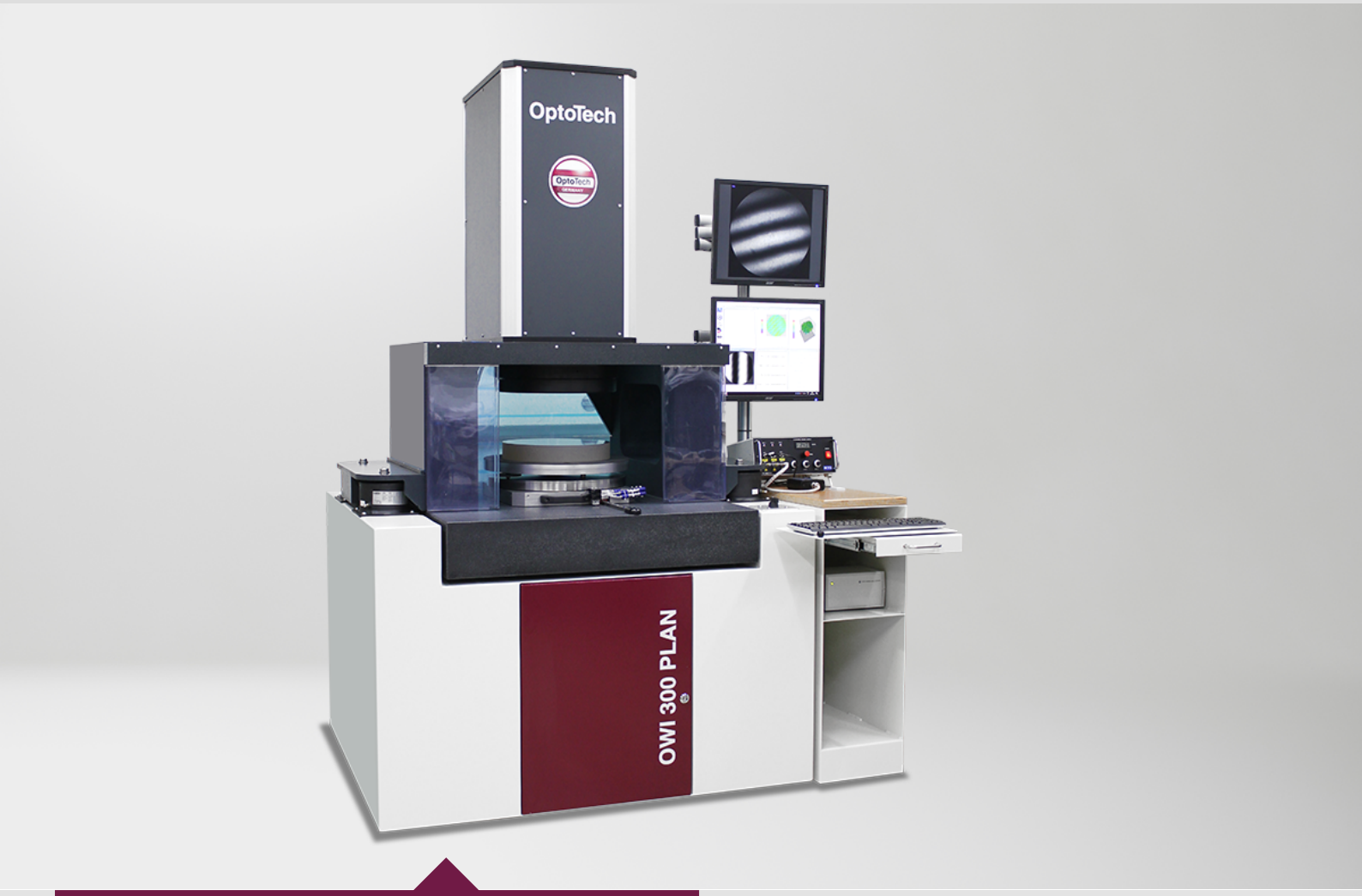
OptoTech

OWI 300 PLAN

Interferometer for Optics up to Ø 300 mm

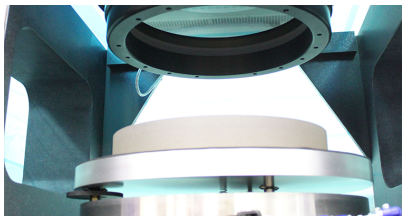


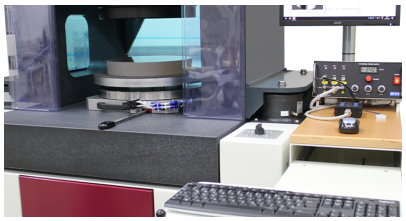
The workshop interferometer OWI 300 PLAN is the ideal measurement system for testing plano single surfaces or lenses produced as multi blocks.

OptoTech

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	λ/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
- Different powerful interferometer module options (LT Ultra Modules 4" / 6" / 12" or Zygo QualiFire 4" / 6") and compatible software solutions for evaluating your measurement results available
- 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 λ/10 for 80% of the measuring diameter

Options

- µShape OWI Software for fringe analysis
- 12" calibration standard made of zerodur (λ/20)
- Filter element for highly reflective with 12" module

Valid: 03.03.2025, subject to change without notice

OptoTech Optikmaschinen GmbH
Sandusweg 2-4 | 35435 Wettenberg / Germany | T +49 641/49939-0 | info.de@optotech.net | **optotech.net**