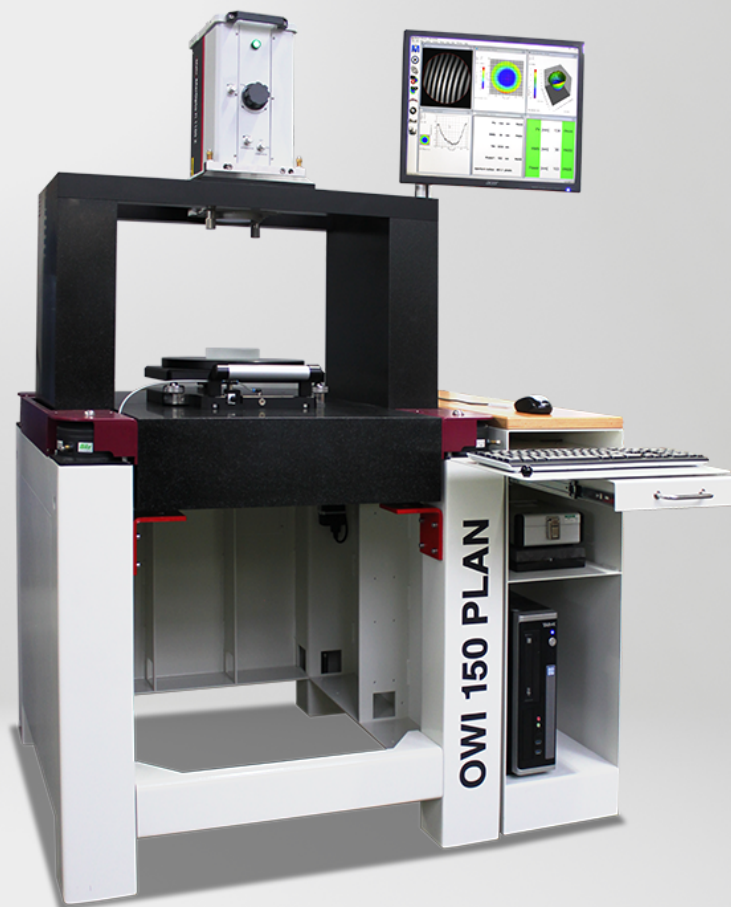




OptoTech

OWI 150 PLAN

Non-Contact Testing and Measuring of Plano Surfaces

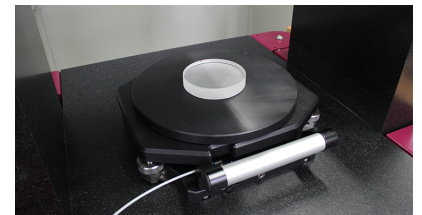
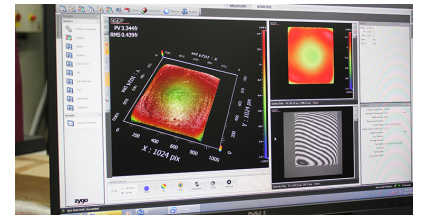


The workshop interferometer OWI 150 PLAN is the ideal measurement system for testing plano single surfaces or lenses produced as multi blocks.



Technical Data

	OWI 150 PLAN
Application	Non-Contact Testing and Measuring of Plano Surfaces
Measuring Height (without reference sphere)	0 mm - 230 mm
Measuring Range Diameter (4" reference spheres)	0 mm - 100 mm
Measuring Range Diameter (6" reference spheres)	0 mm - 150 mm
Probe Diameter	0 mm - 375 mm
Measuring Accuracy	$\lambda/10$ (depending on reference plate)
Air Pressure Requirement	5 bar
Dimensions	Width: 890 mm, Height: 2150 mm, Depth: 800 mm; Without Desk
Weight (approx.)	600 kg
Disclaimer	All data are subject to change without notice. Please verify details with OptoTech.



Highlights

- High precision, vibration-absorbing granite base mounted on passive 4-point shock absorption system
- Avoidance of statically related disruptive factors through symmetrical portal structure
- Space-saving integration of the monitor. Monitor table not directly mounted to the measuring structure for better measuring results.
- Smooth, precise positioning of the test object via air bearing slide table with integrated 3-axis fine adjustment
- Adjustable monitor holder
- Different powerful interferometer module options (LT Ultra Modules 4" / 6" or Zygo QualiFire 4" / 6") and compatible software solutions for evaluating your measurement results available

System Advantages

- Surface and form error testing according to DIN ISO 10110-5
- Space-optimized footprint
- High precision measuring thanks to sophisticated damping system and optimized kinematics

Options

- Positioning of the measuring objective by means of a sliding stage with air bearings and 3-axis fine adjustment
- Software for fringe analysis from Zygo
- Measuring in transmission mode