



OptoTech

OWI 100 Compact

Workshop interferometer with manual adjustment of the Z-axis for non-contact measurement and testing of spheres

Competitive and compact workshop interferometer for spherical components with manual height adjustment.



Technical Data

	OWI 100 Compact
Application	Non-Contact Measuring of Spheres
Measuring Range Diameter (4" spheres)	0 mm - 100 mm
Travel Z	0 mm - 500 mm
Interface	4" bajonett interface
Power Requirement (others on request)	0.25 kW
Dimensions	Width: 500 mm, Height: 1700 mm, Depth: 800 mm
Weight (approx.)	600 kg; (without module)
Disclaimer	All data are subject to change without notice. Please verify details with OptoTech.



Highlights

- Highly rigid granite measuring setup with integrated isolation system on a stable machine base frame for maximum precision and vibration-neutral measurements in a production environment
- Joystick for infinitely adjustment of the measuring table with clearance-free bearings on linear slides
- Clamping of the measuring table via spring elements on the guide rail, pneumatically adjustable via button valve on the measuring table's handle
- Easy positioning due to weight balancing
- Manual fine adjustment using fine thread screw with high precision roller guides
- Different interferometer module available e.g. LT Ultra 4"
- 4" bajonett connection

System Advantages

- Competitive price-performance ration
- Highest precision and vibration-neutral measuring results in a production environment

Options

- Tip and tilt table for plano measuring
- Heidenhain linear measuring system for simplified positioning of measuring slide
- Phase shifter and software evaluation OptoTech μ Shape OWI for maximum accuracy and logging
- Inspect Mini 4"
- LT Ultra module 4"