SYSTEM 4"

- Laser-based Flaw Interferometry
- Lochengeschlecht spherical reference
- Systems’ Form
  - Standard series: 0.5/ 0.75/ 1.0/ 1.5/ 2.0/ 2.5/ 3.0/ 3.5/ 4.0
  - System quality: 3 / 4
- Setting
  - Auto / Fine adjustment
- Resolution: 0.01 mm
- Pitch: 500 mm
- Dimensions: 950 x 830 x 400
- Weight: ca. 90 kg

LASER SPECIFICATION

- Type: HeNe (An: class II)
- Wavelength: 632.8 nm
- Output power: 1.5 mW

OPTIONS

- Automatic Fringe analyser
- Phase shifter 200 unit
- Software based on Windows 7
- High-resolution Camera
- Scale for pressure radius measurement
- Reference Fillet

INTERFEROMETERS 12" 6" 4"

ULTRA-PRECISION MEASURING SYSTEMS
### INTERFEROMETER

**12”**
- Laser-based, contactless, 3D optical phase-shifting interferometry
- Measurement of flatness characteristics of superfinished, highly reflective surfaces and optics (with additional components bopped surfaces as well)
- Sample feeding: horizontal (option: vertical)
- System quality: 3, 7/10

**LASER SPECIFICATION**
- Type: Helium-Neon class II
- Wavelength: 632.8 nm
- Output power: 1.3 mW
- Beam polarization: circular

**SOFTWARE**
- Live image on screen
- Software for Windows 7
- Automatic report generation
- 2D and 3D graphics
- Calibration manual/automatic

**OPTIONS**
- Zoom
- System quality: 3, 7/10
- High-resolution camera

---

**6”**
- Laser-based, fine-focus interferometry
- Measurement of flatness characteristics of superfinished, highly reflective surfaces and optics (with additional components bopped surfaces as well)
- Sample feeding: horizontal (option: vertical)
- Dimensions: 800 mm x 800 mm x 2000 mm
- Resolution: 768 x 768 pixels

**LASER SPECIFICATION**
- Type: Helium-Neon class II
- Wavelength: 632.8 nm
- Output power: 1.3 mW
- Beam polarization: circular

**OPTIONS**
- Automatic fringe analysis
- + Flexo phase, shift unit
- + Software based on Windows 7
- Zoom
- High-resolution camera

**ULTRA - PRECISION MEASURING SYSTEM**