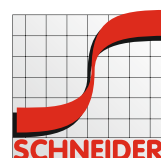
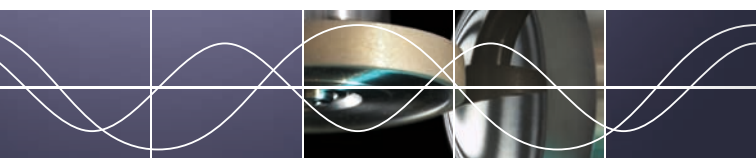


SLI 101 / 201 ALI 101 / 201

Precise quality inspection on the production floor



Fascination for Innovation

A small set of high-quality transmission spheres allows the measurement of a broad range of convex and concave spherical surfaces.

Computer-generated holograms (CGH) mounted on an additional precision stage enable interferometric analysis of aspheres.

The software analyses and measures the obtained information according to user-selected parameters.



SLI 101/201 and ALI 101/201

The compact workshop interferometers are the ideal complement to the modern optics production environment. The vertical vibration-isolated design of the workstations permits setup on the production floor, ensuring maximum efficiency.

The ergonomic design of the upward-looking interferometer brings work area to a comfortable height. A live monitor display of the fringe patterns simplifies alignment. The phase measuring feature results in a very accurate wave front map which is further analyzed by the easy-to-use software package.

The interferometer is available with four or six inch apertures, and as a spherical or aspherical version – enabling precise radius and shape measurement of virtually any precision optics.

Benefits

- Small footprint
- Robust production-qualified design
- Easy handling of optics
- Live display of interferograms
- Extensive graphical software analysis functions

technical data				
type	SLI 101	SLI 201	ALI 101	ALI 201
size objectives	up to 100 mm (4")	up to 150 mm (6")	up to 100 mm (4")	up to 150 mm (6")
lens tables 1 + 2 travelling range (Z) travelling speed (Z)	982 mm infinitely up to 2500 mm/min		720 mm infinitely up to 2500 mm/min	
cross slide stage 1 + 2 travelling range (X) travelling range (Y)	23 mm 20 mm		23 mm 20 mm	
measuring accuracy	$\lambda/10$ (depending on the measuring objective)		depending on the measuring objective	
power requirement	1 kW		1 kW	
weight	about 1100 kg (2 425 lb.)		about 1100 kg (2 425 lb.)	
dimensions (w x h x d)	950 x 2510 (2100*) x 880 mm (38 x 99 (83*) x 35") *in transit		950 x 2510 (2100*) x 880 mm (38 x 99 (83*) x 35") *in transit	

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