

## Laser interferometer

Laser interferometry is used to measure the displacement along one axis with nanometre resolution (Fig.1). The laser interferometer is our reference device for the traceability of displacement transducers such as LVDTs or triangulation sensors.

### Specifications:

Laser wavelength	632 nm
Maximum displacement	2000 mm
Best measurement uncertainty	$0.2 \mu\text{m} + 1.5 \times 10^{-6} \times L$

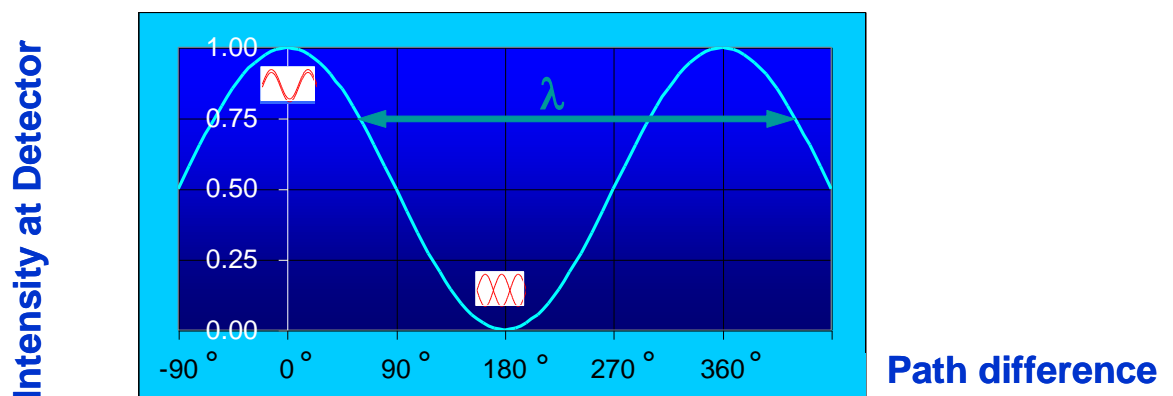
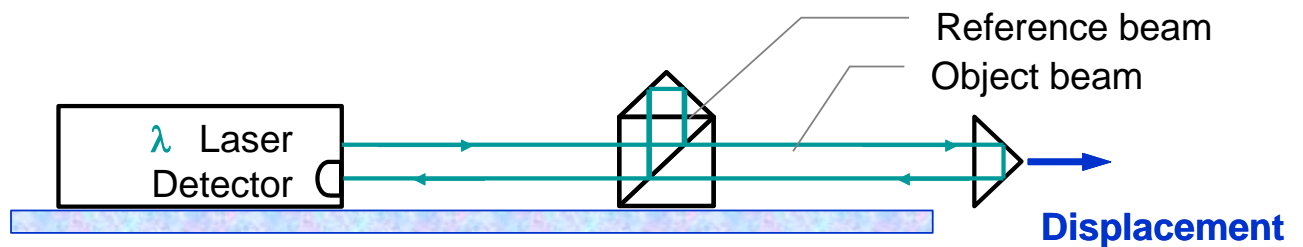


Fig. 1: Schematic illustration of laser interferometry.