

General specifications of INF100-LP/LSlaser plane interferometers

NO.	Assembly	Performance
1	Main system	Test Type: Fizeau interferometry Test Beam: Φ 100mm Test Wavelength: 632.8nm(He-Ne laser) Digital CCD: 1024×1024 pixel Zoom: 1X to 6X-Remote controlled Alignment: Simple two spot alignment Alignment View: ± 0.5 degrees Phase-shifting Modes: Mechanical phase-shift(PZT)
2	Software functions	Including PV, RMS, step-height, X-Y sectional view, 2D and 3D profiling of surface texture, MTF, PSD, and more. The system includes a mechanical phase shifter, computer and printer.
3	Reference mirror	PV: $\lambda/20$
4	Five dimensional adjusting frame	Three dimensional translation, Two dimensional angle adjustment
5	Spherical guide	Precision guide, length 1000mm
6	F0.75 spherical reference mirror	PV: $\lambda/10$
7	F1.5 spherical reference mirror	PV: $\lambda/10$
8	F3.3 spherical reference mirror	PV: $\lambda/10$
9	F5.6 spherical reference mirror	PV: $\lambda/10$
10	F7.2 spherical reference mirror	PV: $\lambda/10$
11	F11 spherical reference mirror	PV: $\lambda/10$

INF100-LS/LP laser interferometer



Lens measurement curve:

