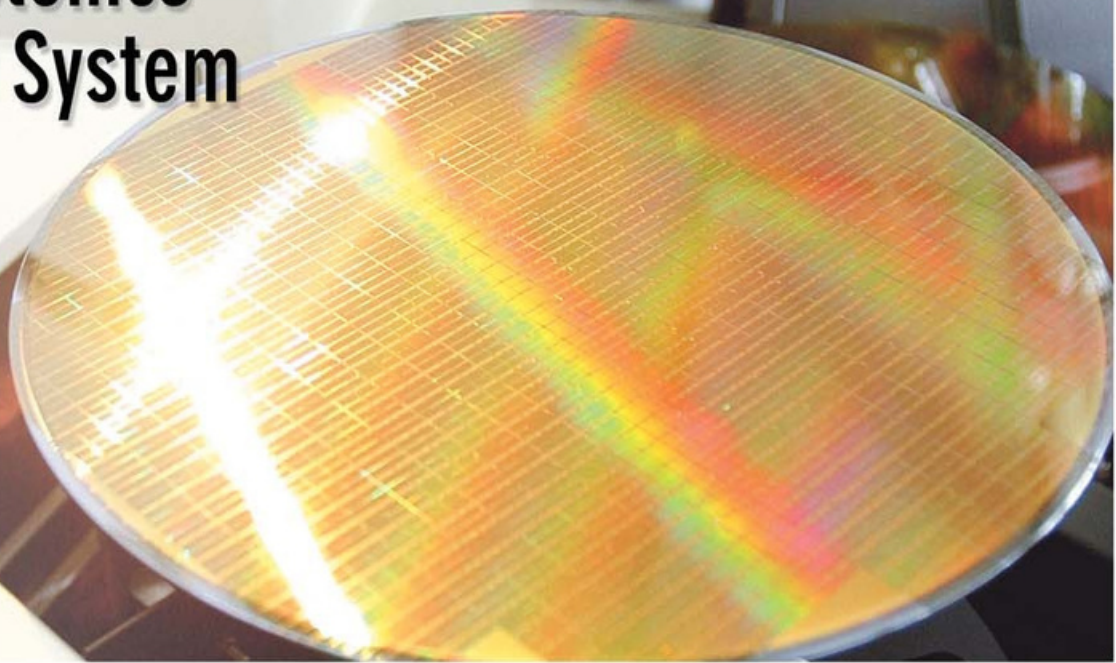


Silicon Photonics Wafer Test System



- Wafer level tester up to 12 inch wafer
- Automatic input / output coupling (wafer level vertical coupling)
- Coupling to fiber array blocks and / or optical fiber
- Convenient graphic user interface (GUI)
- Versatile alignment functions using image processing and contact sensor
- Automatic height control system



Specifications

Utility Requirement	
Power	220V $\pm 10\%$ single phase 50Hz/60Hz 2200VA 1)
Air Pressure	6kgf / cm ² Ø6 Tube
Vacuum	ØTube
Total Weight	About 550 kg
Optical Alignment Module	
Stages	3 translational stages and 3 rotational stages
Translation Stages2)	Resolution : 0.05um/pulse
	Repeatability : ± 0.3 um
Rotational Stages2)	Resolution : 0.16 mdeg./pulse
	Repeatability : ± 0.003 deg.
Jigs	Fiber array block holder
	Single fiber3)holder
Displacement Sensor	Displacement sensor for height control
Power Meter Specification	
Wavelength Range	1270 ~ 1630nm
Power Dynamic Range	+5dBm ~ -80dBm
Absolute Accuracy	± 0.2 dB @ -65dBm
Measurement Frequency	20kHz Max.
Resolution	0.01dB

Probe stations and Anti-vibration table can be chosen according to required performance.

1) 110V version is available 2) 1/20 microstep drive 3) 250um jacketed fiber

Wafer Tester GUI

