



## Piezo Phaser

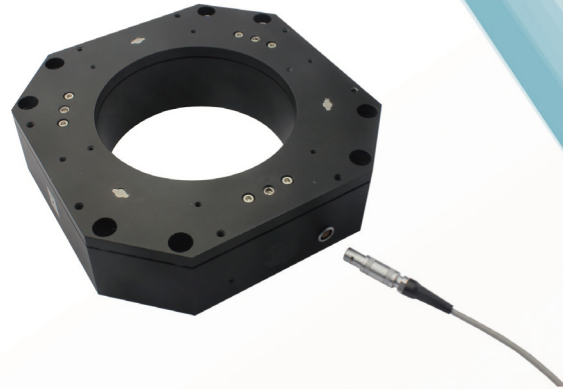
### P77.Z

#### Features

- Z axis
- Max travel range 20μm
- Max load 5kg
- Aperture: Ø106mm

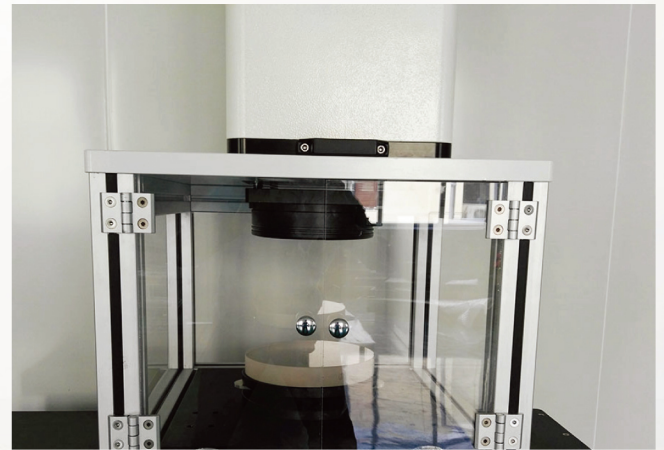
#### Applications

- Microscopic imaging
- Interference measurement
- Phase shifter
- Surface measurement
- Precision positioning
- Optical capture



#### Example of application

P77 piezo phase shifter is used in modern interferometers to greatly improve the measurement accuracy of the interferometer.

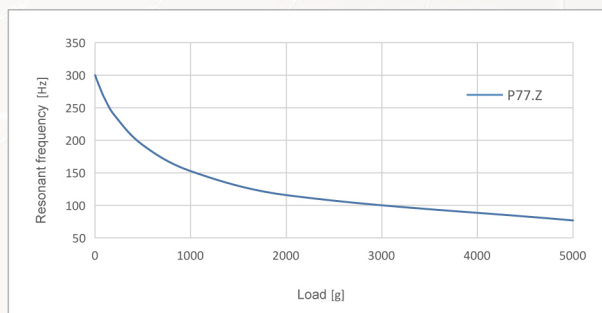


#### Large aperture, large load high resonant frequency

P77 series piezo nanopositioning scanners are designed with an excellent flexible hinge guide mechanism, optimized by finite element analysis, with stiffness of 8N/μm and no-load resonance frequency of 300Hz.

The 106mm aperture of the piezo scanner is the first choice for optical phase shifters. This product has been widely used in laser plane interferometers and other devices.

#### Frequency vs Loading



#### Recommend Controllers

E00/E01	XE-709	E72
1 channel Computer software, Analog input, Rotary knob Open/closed loop Ave. power: 35W/7W	1 channel Computer software, Analog input Open/closed loop Ave. power: 15W	1 channel Computer software, Analog input Open/closed loop Ave. power: 6W

