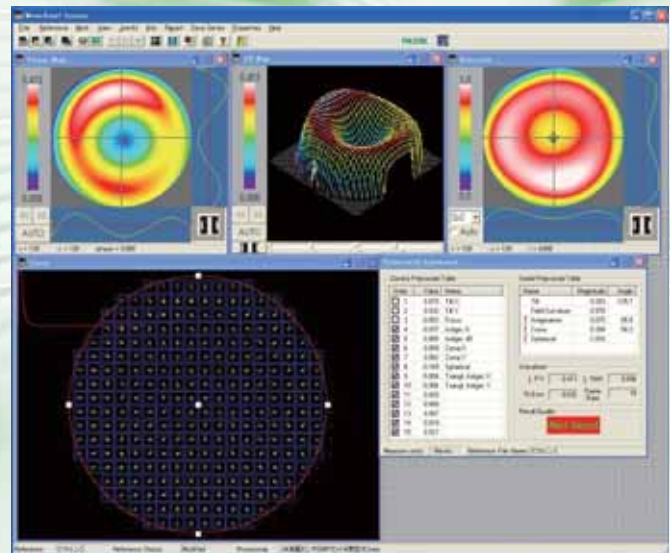


PWS-1000

Pulstec Wave-front Sensor



SYSTEM OUTLINE

This sensor is based on Shack-Hartmann method and can measure the light source and the optical aberration in real time. It is capable of measuring Zernike polynomial term (15/24/36), Seidel aberration factor and general wavefront aberration. It also have functions showing Interference fringes, 2D/3D phase Map, Intensity distribution and Point spread function. Test result (Good or NotGood) can be measured at given value.

FEATURES

- High speed processing enables real time measurement: 3Hz for graphics and 10 Hz for numeric.
- Suitable for various light beam measurement insensitive to coherency.
- Applicable to various types of equipment by compact & light design.
- Easy to plug into computer by IEEE1394 interface.

APPLICATION

- Light beam qualification by Wavefront measurement
- Optically transparent components test
- Wavefront sensor for adaptive optics
- Optically reflective components test

