

THE OTI PRECISION DIGITAL SPHEROMETER



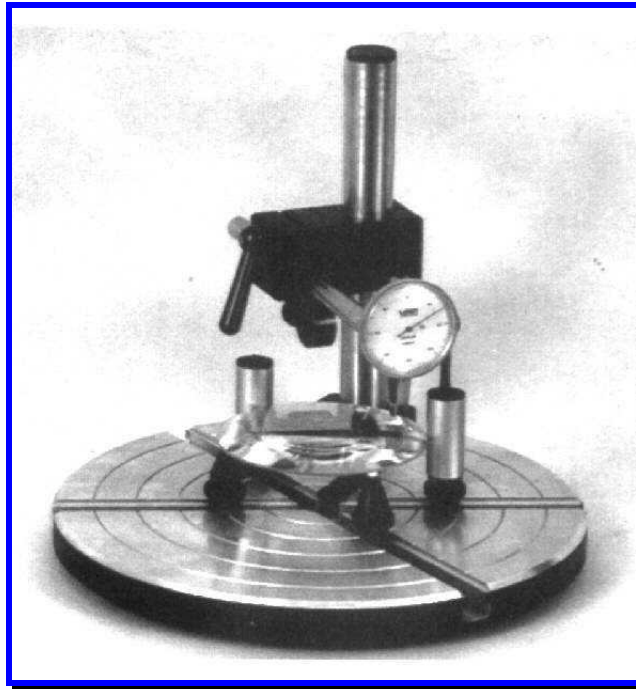
Our experience in the measurement of radius of curvature allows us to offer a diversity of spherometer systems to suit our customers' requirements. Features throughout our systems are:

- ◆ Spherometer Rings Range of sizes available as kit or individually.
Each ring has a 3 ball location. The balls are precise tungsten carbide whose pitch is calibrated to give P.C.D accuracy of better than 1 μm
- ◆ Gauge Dependent on accuracy required. These may range from independent digital clock gauge (accuracy 10 μm) to Heidenhain linear gauge and readout (accuracy 0.1 μm)
- ◆ Analysing system Pre-programmed PSION palm top computer. This enables rapid calculation of results. Radius of curvature can be read directly by in-putting sagita height. Conversely if working towards a radius, by in-putting target radius, a target sagita height can be obtained.
- ◆ Stand We have a compact rigid stand available. Used mainly on processes when it is preferred to offer the lens to the ring rather than the ring to the lens.
- ◆ Optical Flats Available for zero setting of spherometer rings.

O T I

*Manufacturers and Designers of Optical, Ophthalmic,
Mechanical and Electronic Test Equipment*

**THE OTI CENTRING COMBINATION SYSTEM
WEDGE CHECKER**



INCORPORATING:

- ◆ Visual reflective and transmitting modes
- ◆ Mechanical probe for semi-finished component wedge measurement

ADDITIONAL OPTIONS:

- ◆ Vacuum component mounting
- ◆ Motor driven component rotation
- ◆ CCTV presentation
- ◆ Position sensing electronics and display
- ◆ Additional projection collimators for multi-surface viewing