

focus optical systems using primary aberration analysis and finite raytrace capabilities. These systems can include the conventional spherical refracting and reflecting surfaces as well as conic sections.

Thin Films

Design capabilities include dielectric beamsplitters, high reflectance dielectric mirrors, hot and cold mirrors to customer specifications.

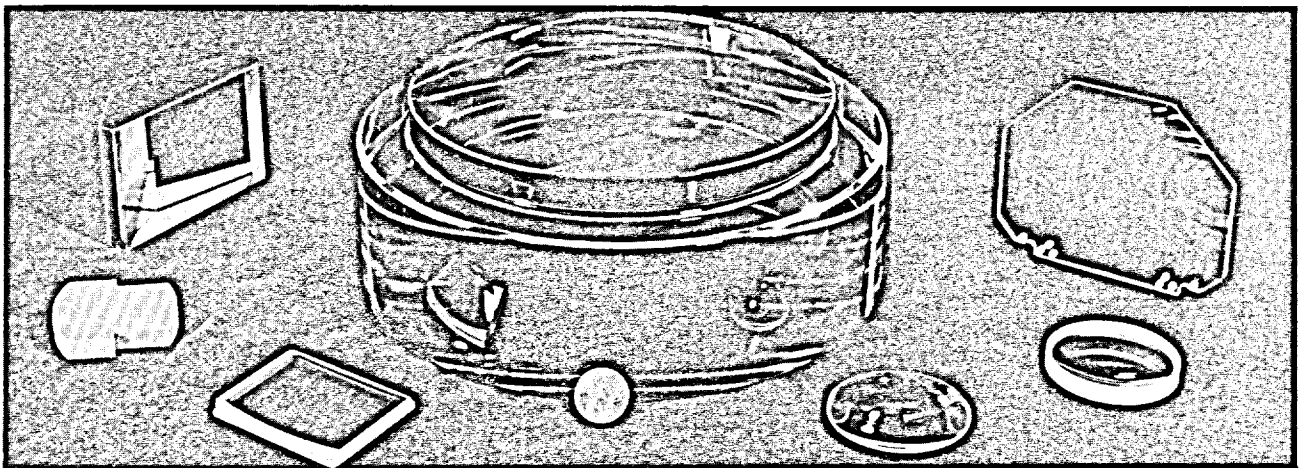
QUALITY CONTROL

The company has selected a quality control program conforming to C.S.A. Standard Z299.4 - 1979.

Final inspection is carried out on all finished parts for conformance to requirements and to ensure proper appearance, packaging and identification.

In addition to the usual complement of calipers, micrometers, depth gages, and gage blocks, the department has;

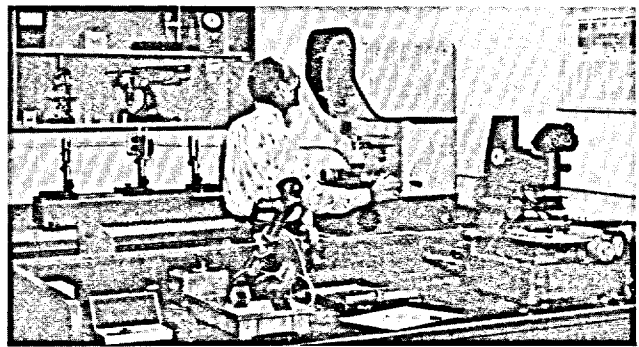
- Optical Comparators
- Spectrophotometer with transmission range of 185 nanometers to 2.5 microns.
- Jena Large Toolmakers Microscope
- Autocollimator
- Goniometer



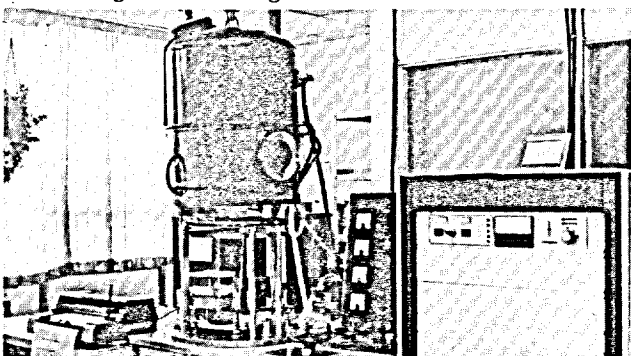
Typical precision optics



Glass machining section showing Blanchard grinder & lens generators



Part of the quality control & measurement area



One of our three vacuum coating units



Grinding & polishing shop showing Fizeau interferometer and lens centering machine