



## FUSED-QUARTZ OPTICAL FLATS & MONOCHROMATIC LIGHTSOURCES

For over 50 years, Lapmaster has served the precision optics industry through innovative design and manufacture of high-quality precision finishing systems and solutions. Our equipment and expertise is well known throughout the industry and serves some of the most demanding optics & electro-optics labs worldwide.



Various Diameter Quartz Optical Flats



MLS Monochromatic Light Source

### OPTICAL FLAT FEATURES

- Lapmaster offers a wide range of Optical Flats that complement our Monochromatic Light source systems.
- Our Optical Flats (1-sided or 2-sided) are available in standard diameters starting at 1" and go thru to 12".
- We offer Fused Quartz as our primary material (best overall accuracy due to thermal stability), although Pyrex and Zerodur materials are supplied upon request.
- Concerning "specialty products," we offer custom sizes made to order with various configurations including squares, rectangles and donuts, as some examples. Custom/irregular thickness is also available.
- Lapmaster also offers a service-life enhancing (scratch-resistant) "hard coat" (deposition film) option for our Optical Flats.
- In addition, two (2) "after-market" services offered are Surface Refinishing-Reconditioning and ISO-9000 compliant Re-Certification/Inspection.

### CP-MLS MONOCHROMATIC LIGHT SOURCE

- Lapmaster Monochromatic Light Sources and Optical Flats are used for fast and accurate optical inspection of lapped surface flatness.
- Our Monochromatic Light sources are available in both 115V and 220V versions. The systems sold to support maximum diameters of 6", 12", 13" or 16".
- The Lapmaster light sources are also available in configurations that support either Helium Gas lighting (CP series) or Sodium Vapor lighting (MLS series).
- We also offer a standard "line of sight" model (optical flat on the part) or the low-distortion "reflex viewer" model (part on the optical flat, optimum for parts that easily distort).
- The Lapmaster Monochromatic Light Sources are rugged & durable, yet compact and light enough to be easily transported from one area to another, as needed.

OPTICAL FLATS & MONOCHROMATIC LIGHTSOURCES