







**UNIVERSAL
PHOTONICS**
INCORPORATED

PRECISION PROCESSING MACHINERY & EQUIPMENT

UNIVERSAL PHOTONICS' LINE OF PRECISION PROCESSING MACHINERY & EQUIPMENT is designed to meet growing industry demands for technologically advanced, reasonably priced, precision optics processing equipment. Whatever your grinding and polishing needs, we stand ready with a full line of optical machinery, tooling and supplies.

For more information or questions, please contact our technical support staff at 1.800.645.7173 or 1.516.935.4000, or via email info@universalphotonics.com

GRINDING, GENERATING, & SHAPING

<p>SPHERICAL GENERATOR G-150: 6" Diameter Capacity G-300: 12" Diameter Capacity</p>		<p>The G-series vertical curve generators are designed and built to meet requirements for greater accuracy in generating spherical and plano surfaces. Designed to grind blanks to 12 inches (300 mm) in diameter, the G-series incorporates years of practical <i>shop-operations</i> experience to decrease set up time and increase production efficiency.</p>
<p>PELLET GRINDER 100, 250, 500 4", 10" 20" Capacity</p>		<p>These high speed grinders are used in the intermediate steps between generation and final polish to refine characteristics of generated surfaces. Our bonded-diamond lapping methods enable production of consistent, more uniform radii and stock removal while maintaining high production rates. Designed with an air-open cylinder to raise and lower the over-arm pin and apply working pressures during production cycles, these grinders produce significant savings in factory floor space and labor.</p>
<p>BENCH POLISHING & GRINDING MODEL MAKERS MM-300: 12" Capacity</p>		<p>Used principally in the making of test glasses, correcting lens surfaces and prism angles, salvaging lenses, beveling, and reshaping diamond pellet laps. This grinding and polishing bench provides the hand worker with a smooth, controlled, slow-speed treadle drive, as well as the convenience of motorized operation. Manual or motor driven.</p>
<p>HAND ROUGHING BENCH HAND POLISHING & GRINDING RGB - 300, 500 & 700 12", 20" and 36" Capacity</p>		<p>This series of hand roughing benches meets the requirements for the versatile hand grinding and polishing, tool corrections, prototype and small quantity production. Designed to grind and polish concave, convex and plano surfaces, the RGB hand series features a sturdy, quickly adjustable manual overarm for stroke length.</p>

For more information or to place an order contact us via email: info@universalphotonics.com or call 800.645.7173
UNIVERSAL PHOTONICS INCORPORATED • 495 WEST JOHN STREET • HICKSVILLE, NY 11801 • 516.935.4000