



ADVANTAGE MACHINERY - PRECISION GRINDING

UNIVERSAL PHOTONICS' ADVANTAGE LINE OF MACHINERY is designed to meet growing industry demands for technologically advanced, reasonably priced precision optics processing equipment. Within the ADVANTAGE GROUP you'll find the complete ROGERS & CLARKE/NORD family of precision machines. Renowned for their efficiency, ease of use, and cost-effective accuracy, ROGERS & CLARKE/NORD's longstanding reputation is carried on by UNIVERSAL. Manufacturing these machines under ISO compliant conditions, we ensure top quality and rapid delivery. Whatever your grinding and polishing needs, we stand ready with a full line of optical machinery, tooling and supplies.

For more information or questions about our ADVANTAGE MACHINE LINE, please contact us via email (info@universalphotonics.com), or call our customer support staff at 1.800.645.7173 or 1.516.935.4000.

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| <p>SPHERICAL GENERATOR 12" Diameter Capacity Model G-300</p> |  | <p>The G-300 series vertical curve generator is designed and built to meet requirements for greater accuracy in generating spherical and plano surfaces. Designed to grind plano and spherical surfaces to hemisphere on blanks to 12 inches (300 mm) in diameter, the G-300 incorporates years of practical shop-operations experience to decrease set up time and increase production efficiency.</p> |
| <p>PELLET GRINDER 4", 10" 20" Capacity Models 100, 250, 500</p> |  | <p>These high speed grinders with bonded diamond laps are used in the intermediate operational steps between generation and final polish to refine the surface characteristics of generated surfaces. 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 GRINDING & POLISHING Model Makers -12" Capacity Model MM-300</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 GRINDING & POLISHING 12", 20" and 36" Capacity Models RGB - 300, 500 & 700</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> |
| <p>EDGING TRANSFER SPINDLE 6" Capacity Model TSE - 150</p> |  | <p>150 mm capacity, transfer spindle, edging machine for precision lens centering to critical tolerances. Motorized grinding spindle with ultra precision matched bearings.</p> |
| <p>MULTIPLE SPINDLE PRECISION GRINDING & POLISHING 6", 12" and 16" Capacity Models RC - 150, 300, 400</p> |  | <p>The optimum optical processing machine for delivering reliability and value. Whether finishing medium-to-long radii spherical surfaces or plano surfaces, the RC series covers basic optical processing needs, along with a full range of options and accessories.</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