

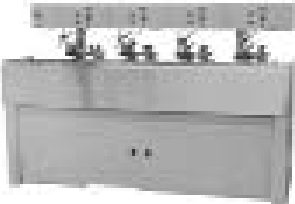



ADVANTAGE MACHINERY - PRECISION POLISHING

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.

<p>CONTINUOUS LAPPING & POLISHING 36", 48", 60", and 96" Capacity Models CP - 900, 1200, 1500, 2400</p>		<p>Engineered and built to operate continuously, smoothly and virtually vibration free, these machines consistently deliver flat surfaces with microinch finishes and fractional wave surface accuracies.</p>
<p>HIGH SPEED POLISHING MACHINES Model HS - 300 Series</p>		<p>The HS-300 series one, two and four spindle polishing machines are designed for use in mass production of lenses with short and long radii, single or multiple blocks. Work capacity per spindle is 12", with a hydraulic pump transmitting a smooth stroke movement without pause at each reversal, powers oscillation motion. The speed of oscillation is infinitely variable up to 60 cycles per minute.</p>
<p>MULTIPLE SPINDLE POLISHING 12" and 16" Capacity Model PP Series</p>		<p>Designed for the optical shop that requires a large recirculating slurry machine for polishing high quality optics.</p>
<p>MULTIPLE SPINDLE 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
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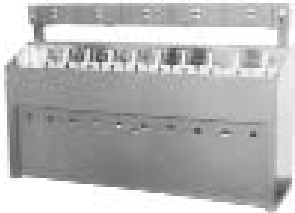




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<p>MULTIPLE SPINDLE PRODUCTION POLISHING 5" to 10" Capacity Model P Series</p>		<p>Suitable for medium to high volume production. All controls located at eye level in control box at top of machine.</p>
<p>RADIAL MOTION PRECISION POLISHING 4" Radius Capacity Models SRP - 4, 6, 10</p>		<p>Designed for the precision polishing of steep radius spherical blocks up to 4" radius. Radial arm motion provides uniform polishing pressure as the polishing tool oscillates across the block. Useful for blocks as small as 10 mm radius.</p>
<p>BENCH POLISHING & GRINDING 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 POLISHING & GRINDING 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>

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