

HPS05-DB 2-up Polished Eye Former



PlasticWeld's HPS05-DB 2-up polished eye former was originally developed for the urinary drainage catheter market, where smooth-edged eyes are a critical performance feature. A proprietary actuator system provides precise control of the eyelet-forming punches, and is adaptable from 5 Fr up to 22Fr tube sizes.

Features include:

- Machine can be configured to produce one or two tubes with each cycle, and can punch up to two (2) eyes on each tube - oriented 180 degrees apart with minimum 0.5 inch offset along the length of the tube.
- Low friction pneumatic slide(s), adjustable forward and return speed, distance control and pneumatic pressure.
- PLC and Color Touch-screen Operator Interface control all mechanical functions and provide program storage.
- 0-100% step-less power, heat On/Off and diagnostic functions are all controlled through the Operator Interface Panel.
- Programmable multi-level heating cycles.
- Constant current control within $\pm 0.5\%$ of a 10% line voltage variation.
- Load matching transformer & capacitors.
- Easy clean Stainless Steel Cabinet with integrated work platform.
- High precision pneumatic regulators for eye punch slides.
- Water cooled coil.
- Air cooled tooling.
- Simple adjustment for correct coil placement.
- Micrometer stop adjustment for eye punch travel and position.
- Cycle initiation by panel push button or foot pedal switch.
- PlasticWeld Systems RF Transistorized Solid State induction heating unit, HPS05, rated at 500 W, 110/120 (or 220/230) VAC 50/60hz, 1 phase; operates at a set frequency between 50 and 100 kHz
- Self-contained re-circulating ambient air liquid cooler
- PWS standard program, with 20 data-set storage capacity and no security lock-out codes.

