



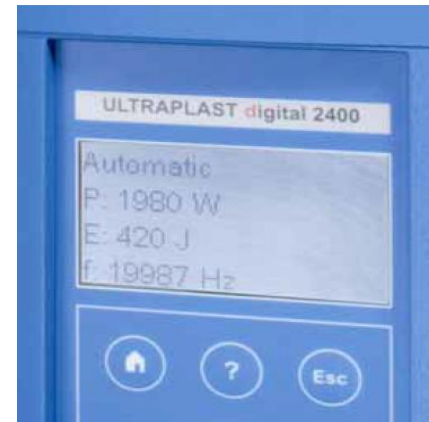
Applied Manufacturing Technologies, Inc.

Tel: (714) 630-9530

Toll Free: (888) 634-1143

Website: www.amtecinc.com

E-Mail: sales@amtecinc.com



ULTRASONIC WELDING SYSTEMS - SPECIFICATIONS

Frequency	20 kHz	35 kHz
Power supply	230 V AC or 400 V AC 3/N/PE	120 V AC or 230 V AC
Generator output [W]	900/1600/2400/4800/6200	1200
Pneumatic requirements	90 psi, 2.5 CFM	90 psi, 2.5 CFM
Weld force min/max* [lbf] * at 115 psi	11.2 - 500	2.2 - 130
Transducer stroke [inch]	4	2
Machine dimensions (w x h x d) [inch] * at max. height setting	26 / 61 / 30	26 / 61 / 30
Machine weight [lbs]	340	340
Throat depth to center of transducer [inch]	10	10
Height adjustment [inch]	17	17
Control panel	128 x 64 Matrix monochrome	
Weld modes	5	5
Number of weld memories	8	8

ULTRASONIC WELDING MACHINE

Features

- **Microprocessor Controller (MPC) requires no special knowledge to set up the system or to program.**
- **Robust keypad and four – line, illuminated LCD – Display for menu guided data entry.**
- **RPN (Reference Point Numeric) weld depth calibration removes unwanted reject rates & inconsistent results caused by dimensional variations of thermoplastic parts through multi–cavity molds.**
- **The welding modes which provide maximum flexibility are Depth RPN, Absolute Distance, Time, Energy, Power (Pmax).**
- **Maximized weld consistency through rigid, cast alloy, square column frame construction & actuator mechanism.**
- **Fast, precise & repeatable application changeover through quick change tooling system.**

