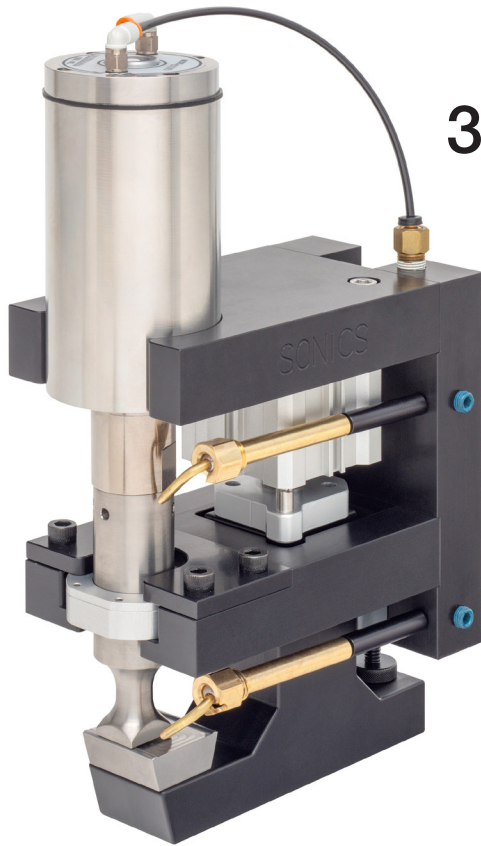




SONICS[®]
SONICS & MATERIALS, INC.

Model FM-30UC 30 kHz ultra-compact ultrasonic Fin sealing module



Model FM-30UC
30 kHz ultrasonic zipper crushing module

Ultrasonic fin sealing is a fast, reliable way to create longitudinal seals on horizontal and vertical bagging machinery



Fast process speed – Ultrasonic energy melts from the inside out so seals are generated more quickly than conventional thermal tools



Energy efficient – Ultrasonic systems draw a fraction of the electricity used with thermal methods.



Reduces film – Ultrasonic seals are stronger and tighter than thermal seals enabling less film to be used in a given package.



Versatile process - Ultrasonic technology is suitable for sealing recycled materials as well as biopolymers, aligning well with the Green initiatives.



Increase productivity – No warm up time required with ultrasonic systems.



Process control – Ultrasonic sealing offers programmable limits to ensure process stability, reducing waste from failed fin seals

SonicsEdge:

- Ultra-compact design for integration into tight spaces
- Kit generator enables process control via existing PLC and HMI
- Positive stop provides repeatable seals and prevents damage to tools
- 30 kHz technology delivers high power and silent operation



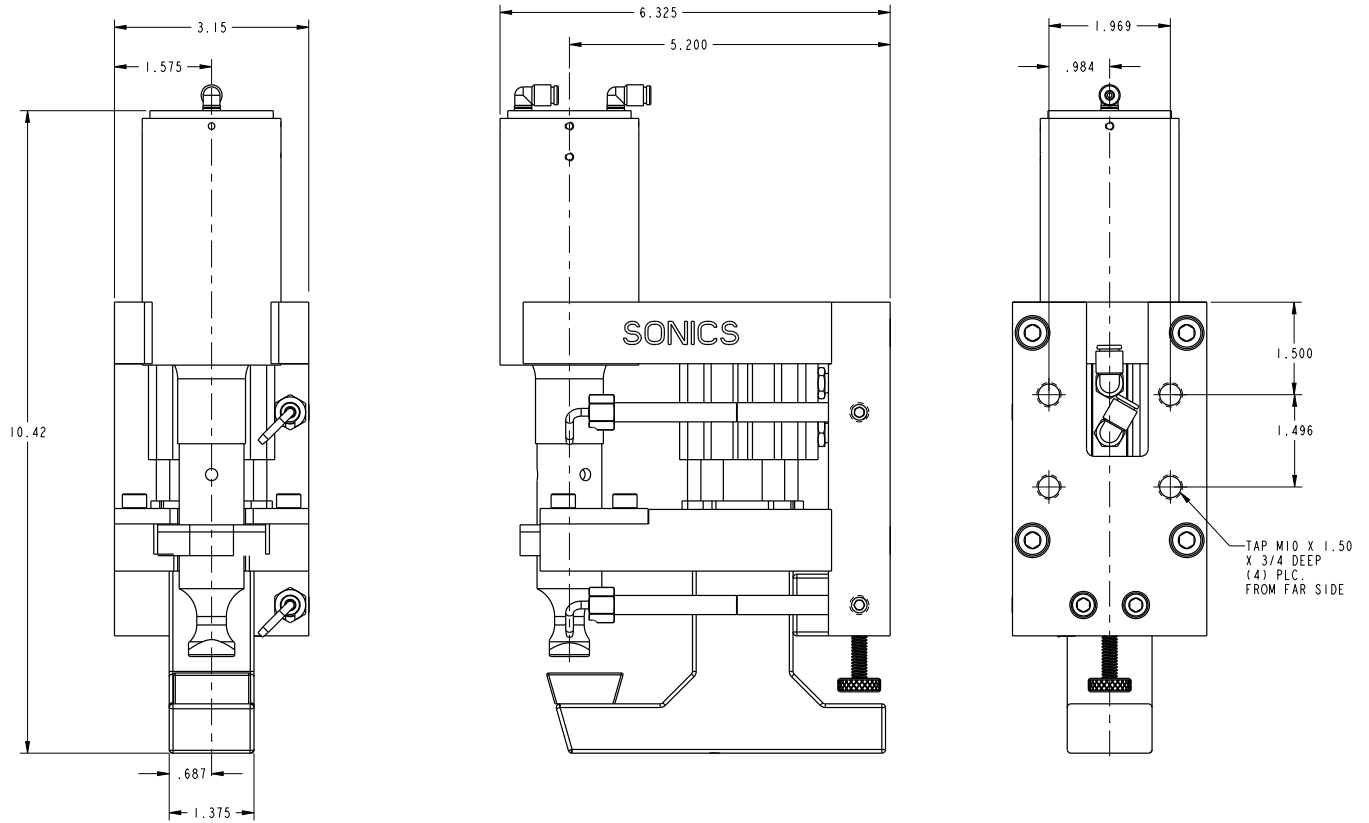
Model H730T-1
Power Supply



KIT-H730-8
Generator Kit

dimensional data

All Dimensions: Inches (mm)



DB9 FUNCTIONS

PIN#	SONICS START (15V CMOS SINK 1.5mA)
(7)	SONICS START (15V CMOS SINK 1.5mA)
(2)	O.L. RESET (15V CMOS SINK 1.5mA)
(1)	O.L. INDICATION (+1)
(4)	FREQUENCY /10 (5V TTL) 1K OHM SOURCE IMPEDANCE
(6)	GROUND
(5)	WATTS (5mV = 1WATT)
(8)	(10K OHM INPUT IMPEADENCE) AMPLITUDE CONTROL
(9)	5.1V REFERENCE (INTERNAL) (+2)
(3)	N.C.

CUSTOMER I/O CONNECTIONS

