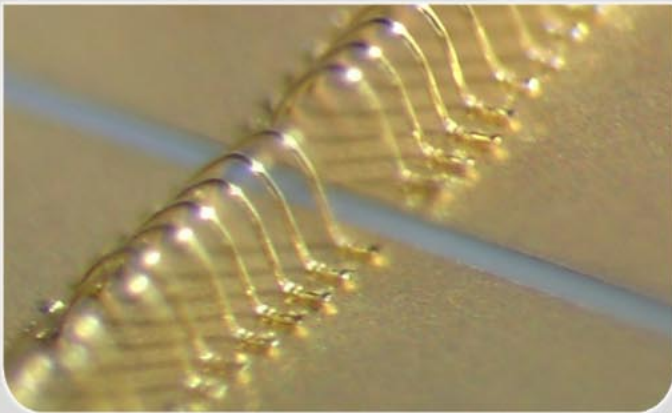


Hybond 572 Wedge Bonder

TPT



- + HYBOND Soft Touch energy system.
- + Audio and visual bond sequence fault indicators.
- + Front panel ultrasonic test button.
- + Independent control of first and second bond parameters
- + Deep vertical access of 0.59 inch.
- + Horizontal reach of 3.5 inches.
- + Tail length is adjustable in .003 inch increments by a front panel control
- + 0.5 and 2 inch spool mounts standard..
- + Loop height control adjustment.
- + 1-2-2 stitch capability standard.
- + LED readout for setting and monitoring work stage
- + Independent Z lever for control of bonding tool.
- + Swing away clamp assembly
- + Wire and ribbon bonding with only a bonding tool change

HYB 572 Thermosonic Wedge Bonder

The Model 572 modular design provides flexibility with optional features like high/low ultrasonic power selection, deep reach 0.750 in. tool capability and motorized wire feed for extra fine wire. Dependable, modular electronics facilitate quick cost effective maintenance.

Standard

HYBOND Soft Touch energy system.
Audio and visual bond sequence fault indicators.
Front panel ultrasonic test button.
Independent control of first and second bond parameters
Deep vertical access of 0.59 inch.
Horizontal reach of 3.5 inches.
0.5 and 2 inch spool mounts standard.
Loop height control adjustment.
1-2-2 stitch capability standard.
Independent Z lever for control of bonding tool.
Wire and ribbon bonding with only a bonding tool change

Options

OP-06 Zoom Stereo-Microscope
OP-12 240V AC 50-60Hz
OP-17 Motorized Wire Spool Mount & Automatic Tension Control
OP-20 1-2-2, 1-2-1, 1-1-2 Stitching Capability
OP-30 8:1 Ratio X-V Manipulator
OP-31 Tool Heater and Temperature Controller
OP-44 High/Low Ultrasonic Power Selector (2/1 watt)

H21 100 x 100 mm Adjustable height heated work stage
H26 Adjustable height heated work stage surface 60 mm
H29 Adjustable height heated work stage surface 90 mm

Technical Specifications

WORK PLATE	Dimensions 8.5 x 5.5 in. (21.6 x 14 cm)
WORK STAGE	X-Y axis control ratio 4:1 (8:1 optional, OP-30) X-Y axis stage travel 0.9 x 0.9 in. (2.3 x 2.3 cm) Z axis control ratio 2.5: 1 Z axis travel 0.4 in. (1.0 cm)
BOND PARAMETERS	Bond Time 15 ms to 500 ms Bond Force 15 gms to 150 gms Bonding Tool 11/16 dia. x 0.437 in. length (0.750 length optional, OP-18) Ultrasonics 1 watt standard (2 watt optional, OP-44)
POWER	120VAC (:t10%) 50-60Hz 240VAC (:t5%) 50-60Hz (optional, OP-12)
DIMENSIONS	Bench space required 20.0 x 20.0 in. (50.8 x 50.8 cm) Unit weight 55 lbs. (24.9 kg) Approx. shipping weight 86 lbs. (39.0 kg)

TPT

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Specifications are subject to change without prior notice