

十温区空气回流焊炉 BTU

产品名称	十温区空气回流焊炉 BTU
公司名称	北京科信拓达科技有限公司
价格	.00/个
规格参数	品牌:BTU 型号:PYRAMAX100A 用途:回流焊工艺
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产品详情

品牌 BTU 型号 PYRAMAX 100A
用途 回流焊工艺

btu international ?specification: model 100areflow solder system date: 3/14/2008model 100a.doc specifications subject to change without noticerevision level: rev 2copyright?btu international 2008a. general specificationsmaximum temperature rating: 350癯nominal operating temperature: 80-350癯number of controlled heated zones: 8 top 8 bottomoven atmosphere: airworking dimensions:conveyor belt 18 in. 457 mmproduct clearance 2 in. 51 mmb. dimensional layoutdescription inches centimetersentrance onload area 13.0 33.0lip vent exhaust 14.0 35.6zone 1 12.5 31.8zone 2 12.5 31.8zone 3 12.5 31.8zone 4 12.5 31.8zone 5 12.5 31.8zone 6 12.5 31.8zone 7 12.5 31.8zone 8 12.5 31.8total heated length 100 254.0lip vent exhaust 12 30.5fan cooling 24 61.0exit offload area 20 50.8total system length 183 464.8total system width 60 152.4total system height(assumes 36?hearth line)60 152.4c. process chamberheating section.. heating is accomplished via forced impingement convection with side to side gas recirculation.forced convection is provided by a proprietary blower system... each zone utilizes btu担 porcupine ii heating element. this element features a low mass, highsurface area open coil wire arrangement for fast response time and high reliability... zones 1, 2, 7 and 8 employ 5-kilowatt heating elements top and bottom. zones 3, 4, 5 and 6employ 2.7 kilowatt heating elements top and bottom. 5-kilowatt heating elements are availablefor all zones as an option... oven loading capability is 2 lbs/ft2 (10 kg/m2) based on a nominal conveyor speed of 32 in/min.(81.3 cm/min.). with optional 5kw heaters in all zones the loading capacity increases to 3 lbs/ft2(15 kg/m2).. the process chamber is a clamshell design and includes the capability to process large formatprinted circuit boards up to 18 x 24 inches (457mm x 610mm). 24 x 24 inch (610mm x 610mm)board capability is available as an option.. cross belt temperature uniformity is within a 40 c delta t in the reflow zone. (using standard btuuniformity test board).. zone to zone temperature isolation is greater than 600 c.. access to the process chamber is accomplished via powered hood lift actuators.cooling section.. cooling is accomplished via fans with forced convection... closed loop cooling control is available as an option.btu international ?specification: model 100areflow solder system date: 3/14/2008model 100a.doc specifications subject to change without noticerevision level: rev 2copyright?btu international 2008d. conveyor systemconveyor beltbelt width 18 in. 45.7 cmmaterial 302 stainless steel flat flexconveyor speed range 10 - 60 in/min. 25.4 ?152.4 cm/min.conveyor speed

nominal 32 in./min. 81.3 cm/min. product clearance 2 in. (3 in. optional) 51 mm (76 mm optional) drive motor 1/16 hp / brushless dc conveyor height from floor 33 - 39 in. 839 - 991 mm rail edge conveyor (optional) material #35 steel roller chain width 2 1/8 in. 5.1 - 45.7 cm support pin length 0.187 in. (std) 4.7 mm (std) pin to pin distance 0.375 in. 9.5 mm support pin height (clearances) 1.2 in. above pin 0.8 in. below pin 30.5 mm above pin 20.3 mm below pin rail parallelism 0.040 in. 1.0 mm rail height from floor 33.8 in. 39.8 in. 859 mm 1011 mm.. programmable (recipe controlled) width adjust is included with the optional rail edge conveyor... programmable multi-port lubricator is included with the optional rail edge conveyor... belt deviation detection via programmable deviation alarm... belt topped alarm is standard with over torque protection provided via slip clutch... alarm and motion messaging via wincon?e. oven control temperature control.. temperature control is accomplished by sixteen (16) pid control loops of the oven control unit (microprocessor) and windows?wincon?operating software. each zone is divided into independent top and bottom control. temperature control accuracy is + / - .5?c no-load... optional cooling control is accomplished by varying blower speed. cooling rate control is selected via wincon?software allowing the user to select the cooling rate... process over temperature protection is accomplished via wincon?software using programmable alarm limits. power to the heaters is removed if the temperature exceeds the high alarm limit... redundant independent electronic over temperature protection is standard. in the event of an over-temperature condition, power to the heaters is removed and audible/visual alarm activates. the conveyor continues to operate in this condition. operator interface.. controls are located on the right hand side as viewed from the oven entrance... the computer keyboard and flat panel display are located at the entrance front of the oven... programming is accomplished via btu 掙 wincon software. wincon operates on the windows?xp platform... thermal profiling can be accomplished using three dedicated thermocouple inputs located at the oven entrance. btu is compatible with kic and ecd as an integrated software solution... four (4) emergency power off buttons are provided, two (2) are located at the loading and two (2) at the unloading sections... a three color light tower to monitor the oven status is standard. indicators are red ?alarm condition, yellow ?set-up or alert condition and green ?ready condition... smart tracker provides an entrance and exit photocell, which senses product entering and exiting the oven. this allows the system to count products for a given recipe, detect product drop/lost and display a graphical view of the products. in the event of a product drop, an alarm will sound... smart tracker also manages the oven smema ready/busy logic for up and downstream communications to other equipment in the assembly line... automatic shutdown sequencing is standard. btu international ?specification: model 100 areflow solder system date: 3/14/2008 model 100a.doc specifications subject to change without notice revision level: rev 2 copyright?btu international 2008 f. atmosphere system.. the atmosphere system allows for operation in air. g. utility requirements (electrical power based on std. heater config. see installation drawing for final power) voltage startup power operating power 208 3?/ 3 wire 49 kw 14-17 kw 220 3?/ 3 wire 54 kw 14-17 kw 230 3?/ 3 wire 59 kw 14-17 kw 240 3?/ 3 wire 65 kw 14-17 kw 440 3?/ 3 wire 54 kw 14-17 kw 480 3?/ 3 wire (std) 65 kw 14-17 kw 380/220 3?/ 4 wire 54 kw 14-17 kw 400/230 ?/ 4 wire 59 kw 14-17 kw 415/240 3?/ 4 wire 65 kw 14-17 kw utility supply pressure maximum flow rate exhaust entrance 0.1 - .05 iwc 300 ft³/min / 8.5 m³/min exhaust exit 0.1 - .05 iwc 300 ft³/min / 8.5 m³/min (note: consult final installation drawing for precise specifications. this is to be used as a guide).. electrical values are estimated. actual startup power may vary depending on oven configuration. operating power is typical and dependent on product loading. soft start power limiting is possible via wincon?software and should be specified at time of order. h. physical characteristics.. standard color: pillar white.. dry weight: 3,800 lbs. / 1,727 kg.. shipping weight: skid: 4,200 lbs. / 1,909 kg crate: 4,500 lbs. / 2,045 kgi. documentation.. system includes btu 掙 electronic documentation package, which is shipped on the oven pc and on compact disc. the package includes:.. user documentation.. maintenance documentation.. troubleshooting and repair documentation.. part identification software.. 1 hard copy manual