

美国BTU十温区回流焊炉

产品名称	美国BTU十温区回流焊炉
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:PYRAMAX125A 用途:回流焊工艺
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产品详情

品牌	BTU	型号	PYRAMAX 125A
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btu international ?specification:reflow solder system date:model 125a9/1/06model 125a.doc specifications subject to change without noticerevision level: 0copyright. btu international 2006 page 1 of 3a. general specificationsmaximum temperature rating: 350癯nominal operating temperature: 80-350癯number of controlled heated zones: 10 top 10 bottomoven atmosphere: airworking dimensions:conveyor belt 18 in. 457 mmproduct clearance 2 in. 51 mmb. dimensional layoutdescription inches centimetersonload area, entrance lip vent exhaust 22.5 55.9zone 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 31.8zone 9 12.5 31.8zone 10 12.5 31.8total heated length 125 317.5exit, lip vent exhaust 12 30.5fan cooling zone 1 24 61.0fan cooling zone 2 24 61.0total cooling length 48 122.0offload area 22.5 57.2total system length 230 584.4total system width 60 152.4total system height(assumes 36?hearth line)60 152.4c. process chamberheating sectionheating 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 1,2,9 and 10 employ 5kw heating elements top and bottom. zones 3-8 employ 2.7kwheating elements top and bottom. 5kw heating elements are available for all zones as an option.oven loading capability is 2 lbs/ft2 (10 kg/m2) based on a nominal conveyor speed of 38 in/min.(96.5 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) (wxl)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 60癯.access to the process chamber is accomplished via powered hood lift actuators.btu international ?specification:reflow solder system date:model 125a9/1/06model 125a.doc specifications subject to change without noticerevision level: 0copyright. btu international 2006 page 2 of 3cooling sectioncooling is accomplished via fans with forced convection.closed loop cooling control is available as an option.d. conveyor systemconveyor beltbelt width 18 in. 45.7 cmmaterial 302 stainless steel flatflexconveyor speed range 10 - 60 in/min. 25.4 ?152.4 cm/min.conveyor speed

nominal 40 in/min. 96.5 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 in. 839 mm rail edge conveyor (optional) material #35 steel roller chain width 2 1/8 in. 51 mm support pin length 0.187 in. (std) 0.375 in. 4.7 mm (std) 9.5 mm 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. 859 mm 1011 mm programmable multi-port lubricator is included with the optional rail edge conveyor. belt deviation detection via programmable deviation alarm. belt topped alarm is standard. over torque protection provided via slip clutch. alarm and motion messaging via wincon. e. oven control temperature control temperature control is accomplished by twenty (20) 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 wincon software. wincon operates on the windows. xp platform. thermal profiling can be accomplished using the six dedicated thermocouple inputs located at the entrance of the oven. btu includes winkic. by kic thermal profiling as an integrated software resolution. four (4) emergency power off buttons are provided, two (2) are located at the loading and two (2) at the unloading sections. automatic shutdown sequencing is standard. btu international
 ? specification: reflow solder system date: model 125a9/1/06 model 125a.doc specifications subject to change without notice revision level: 0 copyright. btu international 2006 page 3 of 3f. 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 70 kw 21-27 kw 220 3? / 3 wire 78 kw 24-30 kw 230 3? / 3 wire 86 kw 25-31 kw 240 3? / 3 wire 93 kw 27-33 kw 440 3? / 3 wire 78 kw 24-30 kw 480 3? / 3 wire (std) 86 kw 27-33 kw 380/220 3? / 4 wire 78 kw 24-30 kw 400/230 ? / 4 wire 86 kw 25-31 kw 415/240 3? / 4 wire 93 kw 27-33 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. all utility values must be finalized at time of order. a detailed installation drawing is provided once final configuration is established. h. physical characteristics standard color: pillar white dry weight: 6,200 lbs. / 2,812 kg shipping weight: skid: 6,700 lbs. / 3,039 kg crate: 7,200 lbs. / 3,265 kg i. documentation system includes btu and electronic documentation package, which is shipped on the oven pc and on compact disc. the package includes: operator and maintenance documentation troubleshooting and repair documentation 1 hard copy manual