

SMD COUNTER

USER MANUAL



(一) product introduction

Completely automatic SMD components counter, two kind of models: Ordinary components counter and leak hunting components counter.

一、 Product principle

Ordinary components counter: Uses the electro-optical sensing principle, carries using the components leads the pilot hole and the components corresponding relationships, through the special-purpose processing chip and large scale integrated circuit processing, realizes the zero error, the accurate determination SMD components counting quantity, may realize the convenience quick counting, is the SMT material management highly effective supporting facility.

Leak hunting components counter: Provides the high speed optical fiber, according to the spatial material and the solid material candle-power contrast principle, examines accurately knows the spatial material. The user-friendly design may cut examines knows the spatial material to stop two conditions, the former convenience assembly line work quality control, the latter may realize the warehouse inventorying zero error.

二、 Product characteristic

Completely automatic way computation components quantity, facilitates a material, sends the material work simplicity of operator, has a special inventive mind against material belt will fall off the design to reduce to the material belt's injury to is smallest, forward and reverse all may count, but preinstall quantity, will calculate quantity precisely, zero error. May install the scanning gun and the bar code printer, facilitates the management work.

三、 OB-C828 Product specification

Power source: AC220/110,50HZ,25W

Counting scope: - 99999--99999PCS

Outlook size: L470*W300*H180mm

Weight: 10KG

OB-C828A Product specification

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四 、 OB-C828 Product application

The SMD material belt type components are all suitable

Expects the band pulley diameter: Any size is all suitable

Expects the belt gap (PITCH): 2,4,8,10,12,16,24,32,44,56mm

Expects the belt width (WIDTH): 8,12,16,24,32,44,56mm

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(二) matters needing attention

1. After disassembling the packing, please first take inventory each item of appendix to be whether complete.
2. Before use components counter, please careful reading operating manual, and preserve well.
3. Inspection voltage specification whether voltage of specification match case with city electricity.
4. Please confirm that meets the proper grounding, guarantees the person and the components security.

(三) installment and explanation

一、 Turns on this aircraft's outsourcing box carefully, and takes inventory the following appendix:

- 1、 Operating manual ,one pc
- 2、 Product certificate ,one pc
- 3、 Machine, one unit
- 4、 Power line, one pc
- 5、 Six-angle spanner, two pcs

二、 When voltage of specification the city electricity is AC110V or AC220V, machine laying aside plane.

三、 After voltage specification confirmation, please separately meet the power line both sides of mains input in the machine Plug of plug and on the city electricity

四、 Two material plate support joint chooses the Niu anti-clockwise extension pine surely, will launch a character two material plate support to fix the knob clockwise movement to be tight again

五、 The installment completes.

(四) functional key and operation flow explanation

1、 PRINT series printing

Operating mode: Presses down this key, the components which may by select and purchase a bar code row copier which will count, quantity row on the bar code label.

2、 SET: Hypothesis computation quantity

Operating procedure: If the display monitor demonstration is “00000”, then presses down this key, the display monitor demonstrated “-----”, establishment input components quantity

3、 PITCH: Spacing hypothesis

Operating procedure: After pressing down this, demonstrated that curtain's PITCH value will glitter, then the input material spacing, will press down “ENTER” again The key determined, if does not have the pressed key after 5 seconds, the automatic memory, after exuding D one, replies the readiness for action.

4、“rotation /RIGHT”: Clockwise start

Operating procedure: Presses down this key to start the direction counting components, namely digital demonstration positive number. Reverse: /LEFT is opposite

5. stop

Operating procedure:

1.Or returns to belt's condition in the counting, presses down this key, will stop the counting or returns to the belt condition.

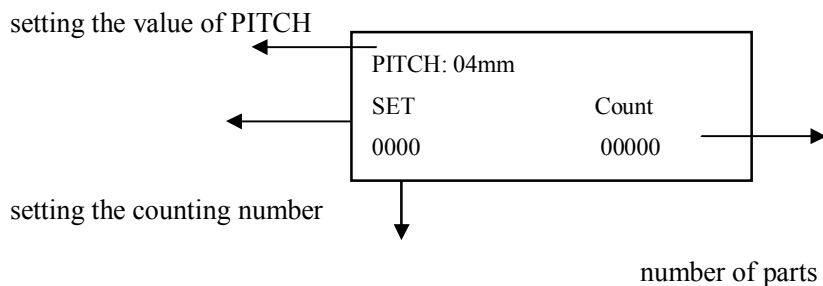
2. If under the readiness for action, presses this key to surpass for two seconds, will eliminate COUNT the value

3. Presses down this to be possible to return to the contact surface

6. The LOSS key, presses down this about the approximately 2 seconds, demonstrates "LOS" in the LCD screen upper right. The inscription, enters the leak hunting operation

7. The SELECT key, this key cuts the key for manual and the automatic pattern, presses down about this 2 seconds, the LCD screen demonstrated that A is the automatic pattern, M (explained for the manual pattern: A pattern before the plate material may the preinstall definite value, the machine rotate to the setting value automatically will stop, the M pattern only then presses down the STOP/CLEAR key with the hand, the machine only then stops.

8. CD (LCD screen)



9. "Leak stop \ time" This key is the motor speed switch key, press this button for 2 seconds or so, LCD-screen display in the H (high speed), M (in), L (low) to switch between.

Counting quantity

4-2 Operation flow

1. Power line connection main engine, in joining-up AC220V power source
2. Turns on the radio station kneading board's POWER power switch, this time the LCD kneading board can send Bright.
3. Presses down PITCH, the components spacing which the hypothesis must count
4. According to "ENTER" key determination.
5. Will want the components which counts to install on the left side material plate.
6. Manual pulls out the material belt to clamp in keeps off between the material piece and the

counting gear, keeps off the material piece middle line the first components and the blank space middle hole alignment

7. The key 2 seconds let the digit according to “the stop/reset” enull. Explained: When drawing material belt counts the gear to be able to rotate the counting, presses down this key to let the digit enull.

8. Presses down the SELECT cut choice manual and the automatic pattern, when the choice automatic pattern must input wants to count the quantity, will otherwise press “the clockwise” the motor not to rotate

9. Circles with the hand drawing material belt it to the spatial material plate on

10. Then counts according to “clockwise /RIGHT”

11. When quantity arrives, the motor can stop.

12. The law of inertia, counting quantity possibly many or is short in the hypothesis value about approximately 1, available manual way reversing rotation material plate to LCD demonstration setting value size, namely components quantity.

13. The counting finished presses “reverses /LEFT” , after expecting the belt again rollback original left side material plate, namely stop revolving.

(五) Leak hunting

一、 According to hunts leaks the /LOSS key 2 seconds, in the upper right demonstrates LOS, enters the leak hunting procedure, when the material plate takes a walk, when the material has leaks the material, will then exude the warning sound and stops the movement.

二、 When presents the warning, after pressing down the stop/resets the key, then presses down the counterclockwise key or turns right the key, expects the plate to be able to continue to rotate

Attention: When carries on the leak hunting operation, when has appears halts the phenomenon (pressed key does not have an effect), may use the hand back and forth to move the yummy treats plate then.

三、 Adjusts an optical fiber position:

1.(Through around two screw adjustment pillar loose and tight) causes two optical fiber just right highly based on the material in a material belt altitude mixture control fixed optical fiber pillar.

2.Then changes through the loose and tight the hand adjusting slider two optical fiber fore-and-aft distance.

Annotated: The loom central corner is fixed delimits tightly the hand counter clockwise the block, clockwise is loosens delimits the block, in the corner the part may raise upwardly moves, thus transfers the fixed position

3.If two optical fiber fore-and-aft distance transfers to a big way, meets has free time the material not to report to the police, then strengthens the correlation candle-power again through the tuned amplifier (tuned amplifier, above SENS knob may change candle-power)

(六) BAR CODE operation explanation

6-1 Inspection installment

- 1、 Determined that the components counter and BAR the code main engine segment completes
- 2、 The definite bar code series printing machine opened the installment to finish correctly.

6-2 Debugging method installment

- 1、 Starts the components counter power power switch
- 2、 Starts BAR CODE the main engine power switch: the power indicating lamp and the ready indicating lamp lighten, this time and presses down BAR CODE the main engine FEED key (automatic para-position Niu), lets the series printing paper automatic para-position. (P.S: If the POWER lamp twinkle, on behalf of this aircraft broken line, please start the power source make and break or the FEED key, execution)

6-3 Printing (PRINT) key

Presses down this in the main contact surface to demonstrate printing contact surface, what the word contact surface first line of demonstration is: The corporate name (may voluntarily establishment); what the second line of demonstration is: Time, what most next demonstrated is the printing operation.

After entering the printing contact surface, has a twinkle cursor in the third

guild, may to the content which is at make the edition revision in this cursor place.

May cause the cursor in the printing contact surface according to the LEFT/reverse to move toward left, may cause the cursor according to the RIGHT/clockwise to move toward right.

In the cursor place may the direct input digit and the letter, if the short time presses down continuously 0 -- --a 9 pressed key, may carries on the cut on between pressed key's digit and the letter. And "1 key " can the digit, the distinctive mark, the letter big small letter between and so on exchange.

After editing each line, the cursor pauses in line of business, pressed the ENTER key to demonstrate OK in line of business left side also under line of business content preservation

Attention: A preserved edition line of content must be the cursor presses down the ENTER key in line of business position only then to be possible again to preserve line of business content, for example: If must preserve first line and the second line of content, must be the cursor place presses down the ENTER key in the first line, may the first line of content preservation, the cursor preserve in the second line of content, cannot also preserve

Enters the printing parameter in the printing contact surface according to SELECT the contact surface, what demonstrated in this contact surface is XYWH:XXX XXX XXX XXX respectively is fights prints out the bar code position X axis, the Y axis, the width and carries on the establishment highly.

Resets the key according to the stop to be possible to return to the main contact surface

Presses a time PRINT key to be possible again to print the contact surface the content to carry on the printing.

In addition attaches: The scanner sweeps after the bar code, will have the demonstration in the printing contact surface, will press down the printing key printing.

(七) simple trouble shooting

Breakdown condition	Elimination method
After turning on the power source LCD does not have any demonstration	1.The power line falls off 2.Fuse break 3.The battery has not had the electricity
LCD demonstrated that but is invalid according to the clockwise starting	1.Counting quantity is bigger than either was equal to that before hypothesis quantity or the plate material, selects The pattern not to establish the number 2.Please refer to the instruction booklet operation notice

