Bluiris
蓝眼科技

AFS-800
SMT Auto Feeding & Inspection System

AFS-800

智能防错上料检测仪

Bluiris
蓝眼科技

Pioneering SMT Auto Feeding & Inspection Solution Provider

BACKGROUND AND PRODUCT OVERVIEW

The automation of SMT industry has evolved continuously, however, not much progress has been made with regard to Error blocking on changing SMT component reels/employee outflow / Low pass rate with manual splicing,Moreover with the gradual integration of electronic components,Ultra small materials are used more extensively , conventional quality inspection approaches can not satisfy the demand.The world's first BLUIRIS AFS–800 Machine has been developed as a solution to the challenge,it helps to improve outgoing quality, satisfy management via information system, achieve higher productivity and reduce operating cost.

AFS–800 Machine's Operation is intuitive , highly automated & minimal manual intervention required, can deliver :Barcode error proofing, Empty -Pocket detection, Size and specification determination, Pitch matching, Accurate measurement, Precise cutting, Automatic splicing , Auto generate report saved in the local database or upload to clients' MES (Manufacturing Execution System).
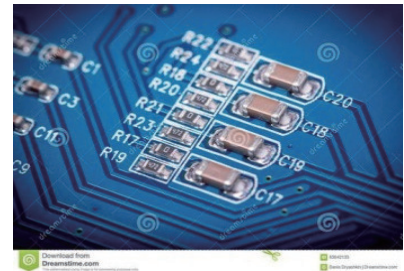
PRODUCT BENEFITS:

1.Real time error blocking when SMT feeding
2.Increase productivity
3.Reduce labor cost
4.Auto Measure and Judge
5.Improve quality
6.Standardize the strict process
7.Accurate traceability
8.Satisfy splicing reliability
9.Validation function available in both stand-alone and online mode
10.Save components by unique vision inspection technology

■ 1. Intelligent recognition for both tape and component, Size and specification determination,Empty -Pocket detection,Pitch matching,Precise cutting,done by machine automatically to realize error proofing.
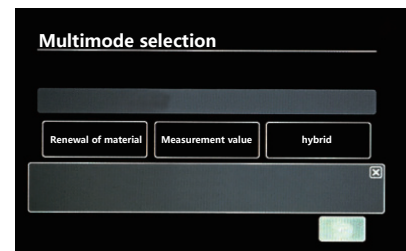
■ 2. Auto Measurement
For 01005/0201/0402/0603/0805/1206/1210

■ 3. Auto Tape splicing
Dedicated 8mm carrier tape splicing ,
First Pass Yield at 98% or above

■ 4. Multiple Function
Splicing Mode
Measuring Mode
Measuring &Splicing Mode

Multimode selection
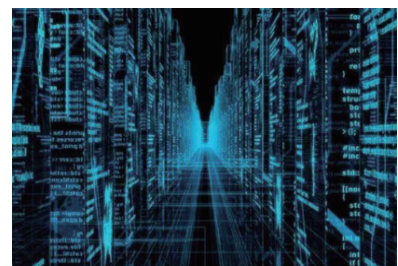
| Renewal of material | Measurement value | hybrid |

■ 5. Error proofing system via Multiple Bar code Verification
(Machine/Table /Station/Feeder /Old Reel/New Reel/Employee Badge etc) as Perfect Guarantee

■ 6. Capable for MES integration(Optional), connectivity via Wi-Fi for managing the operation systematically and integrating traceability information, More Intelligent

■ 7. Mobile operation for flexible deployment on SMT lines

■ 8. Intuitive and easy to use ,operator can handle the machine in 30mins' training .

PHYSICAL CHARACTERISTICS

Machine Dimension：	L560mm*W557mm*H1320mm
Operation Height：	850mm~900mm
Weight：	150KG
Carrier Tape：	8mm(Paper/Plastic)
Measuring Scale：	01005/0201/0402/0603/0805/1206/1210
Rated Working Voltage:	DC 24V
Charging :	AC 220V-10A
Low voltage warning：	< 30%
PC：	Industrial control all in one machine
LCR Testing Frequency :	20Hz-300KHz
Testing Accuracy：	0.05%