

INTEGRATED MACHINE TM288/B,C,D,E,F



Overview

This machine is applicable for small package IC (or TR.) supplied by any carrier.

The package is singulated from the frame, and trimmed and formed.

Then the package is heated up, mounted on the test unit, next cooled down, and mounted on the test unit, and then marked by the laser marker, and checked marking quality, lead figure etc.

The package is classified as measurement results, and sorted to the specified bins, or inserted into the emboss tape.

Features

- 1.Integrated system;
Trimming, Forming, Testing, Marking, Visual checking and Taping.
- 2.High through put by high-speed action and two packages handling.
- 3.Acceptable for any lead forming by changing punch and die.
- 4.Hot Test 1st available, Ambient Test 2nd.
- 5.Acceptable for any Laser marker, any visual system.
- 6.Touch panel switch facilitates to operate.

Specification

- 1.Applicable package
TSSOP, SSOP, SOP and so on
- 2.Applicable carrier (one of follows)
Frame-magazine, Multi-line-aluminum-magazine, Hoop-reel, Bowl-feeder, PVC-stick
- 3.System
 - (1) Loader
Various Carrier
 - (2) Test site
 - 1 hot temperature test site
(80 - 125(+/-5) degrees centigrade)
 - 2 - 6 ambient temperature test site
Leaf spring KELVIN contactor
 - (3) Laser Marking
Any laser system is acceptable
Brushing unit, Vacuum duct and Dust collector attached
 - (4) Visual check
Mark and lead check
Any visual checkers acceptable
Visual check on rotary table and optional visual check in emboss tape
 - (5) Sorting
Tape, Magazine or Bin
 - (6) Taping
1 or 2 taping unit
Supply reel diameter : 670mm maximum
Winding reel diameter : 330mm maximum



TM288E

Through put

UPH : 6000 - 7200(maximum)
(exchange 0.3sec + test time 0.3sec / peace)
Twin transfer available

Others

- 1.Option
Visual checker on emboss taping
Change kit for other package size
Data input by the bar code reader
Additional ionizers protecting ESD
Interface with external computer
- 2.Other
Low Jamming rate
MTBA > 90minutes
Signal tower with 4 color

SOWA Mechatronics Corp.

498 Kami-Fujisawa, Iruma-shi, Saitama 358-0013

Tel 042-964-3000

Fax 042-964-8197