

# 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

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