

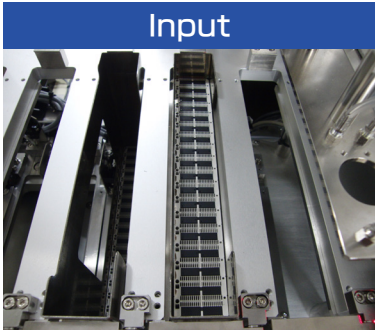
Multi-Function Turret Handler

We, SOWA, propose optimal handlers for the power packages. Our highly configurable handlers can realize customer-specific handling, tests, and inspection configurations.



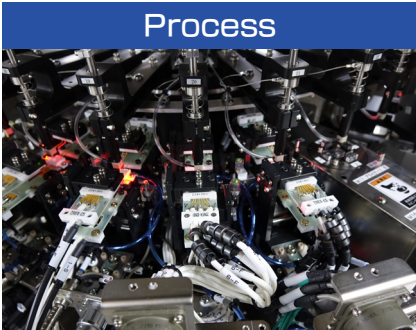
Features

- Up to 400A high current capability
- Different input and output options can be installed simultaneously
- Various tests and inspections are available
- High throughput hot test



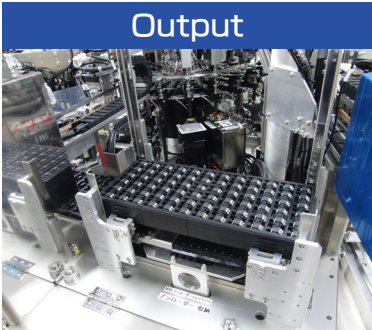
Input

- Leadframe (Cut & Form)
- Tape
- Tube
- Bowl
- Tray
- Magazine



Process

- Kelvin tests up to 8 stations
- 6 sides vision inspection
- Hot test
- Flipper
- Bulk, tube, tape sorting
- In-tape inspection
- Laser mark



Output

- Tape
- Tray
- Tube
- Magazine
- Bulk

Configuration Example

Leadframe Input / RT Test

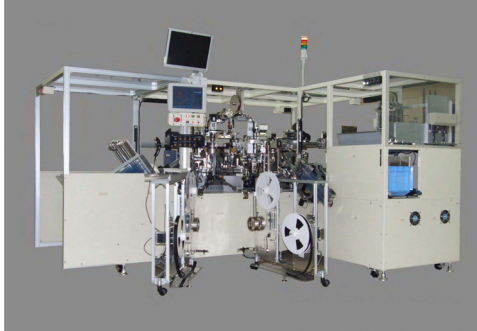


Specifications

Model	TM288P
Device	SOP, SSOP, HSSOP, etc
Throughput	0.55sec/pc (Test time 0.45sec)
Input	<ul style="list-style-type: none"> • Leadframe • Tape loader
Test	<ul style="list-style-type: none"> • 4 stations, • Kelvin contact
Laser mark	Package top surface
Vision inspection	<ul style="list-style-type: none"> • Lead side and top • Mold top • Bottom
Output	<ul style="list-style-type: none"> • Magazine: 1 site • Bulk NG: 4 bins • Tape & reel: 2 lanes

Configuration Example

Tube Input / Hot & RT Test



Specifications

Model	TH288LD
Device	SOP, SSOP, HSSOP, etc
Throughput	0.5sec/pc (Test time 0.25sec)
Input	Tube
Test	<ul style="list-style-type: none"> • Hot test: 2 stations • RT test: 6 stations • Kelvin contact
Laser mark	—
Vision inspection	<ul style="list-style-type: none"> • Lead side and top • Mold top • Bottom
Output	<ul style="list-style-type: none"> • Tube NG: 4 lanes • Tube sorting: 15 lanes • Tape & reel: 2 lanes

Tray Input / RT Test



Specifications

Model	TM288P
Device	SOP, SSOP, HSSOP, etc
Throughput	0.5sec/pc (Test time 0.38sec)
Input	Tray, Tape loader
Test	<ul style="list-style-type: none"> • 5 stations • Kelvin contact
Laser mark	Package top surface
Vision inspection	<ul style="list-style-type: none"> • Lead side and top • Mold top • Bottom
Output	<ul style="list-style-type: none"> • Tray: 3 sites • Tape & reel: 3 lanes