

High Speed Dispenser

# CPD-1000

(type VD)

(type VL)



- <Speed> Achieves Dispensing Tact Time at 0.07sec/shot.
- <Precision> Continues High Precision Dispensing by Reliable Structure.
- <Flexibility> Meets Wider Dispensing Needs with Variety Options.

PCB Size	50×50~460×360mm (~510×460mm (VL))	Nozzles	2-dot, 1-dot, Center Stopper type, Non-Contact, etc.
Dispense Head	3 Heads (Option : 2 Heads or 1 Head type)	PCB Positioning	Alignment Mark Recognition (Standard)
Dispense type	Air Pulse	Conveyor Width	Automatic (Standard)
Tact Time	0.07sec /shot (at Optimum Condition)	Operation	Touch Panel
Accuracy	±0.10mm (Mark Reference)	OS / Control OS	Windows7 / Microsoft INtime4.01
Rotation	±90°(1°step)	Air Supply	0.5MPa Clean and Dry Air (40NI/min)
Syringe	Capacity 30cc (Option : Adapter for 10cc or 20cc)	Power Supply	Single phase 200, 220V, etc. 3.0kVA (6.0kVA (VL))

**Basic structure to achieve high-speed and high-precision dispensing.**

**Basic & Applied Control Technology**

Suzuki's unique rigid cast-in frame combined with vibration control technology and axis control technology limits excess vibration for stable dispensing. CPD-1000 adopts arch motion control technology to achieve dispensing tact time at 0.07sec/shot.

**High Speed & Precision Head**

The 3 heads with 3 different kinds of nozzles provide flexibility in board production. Each head has independent servo motor and possible to adjust pressure, temperature, and dispense mode individually for high-speed and high-precision dispensing.



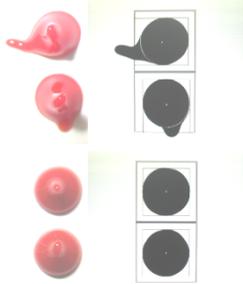
**Nozzle**

The nozzle has a structure that can be separated into the common nozzle base and nozzle head of various shapes, and it is superior in accuracy, durability and maintenance. In addition, the nozzles that came with the machine are selected by customer requests.



**High Quality Dispensing**

Before dispensing on PCB, checking trial-dispensing size by vision system makes stable dispensing. Equipped a newly developed glue cut function in standard, which serves to sustain stability at speedier production with various types of glues.



**Solder Dispensing**

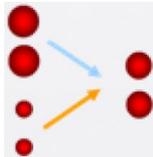
Solder paste can be dispensed by using single nozzle. Using Drawing Function (OPTION) makes adding-solder possible. \*Dispensed size depends on solder particle size. (Please contact us for details.)



**Variety options to meet wider needs and to continue high precision dispensing.**

**Dispense Size Feedback**

Checks trial-dispensing size by vision system and compensates dispense time automatically to adjust size.



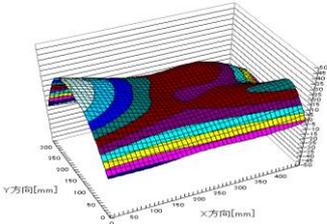
**Trial-Dispense on Tape Unit**

Trial-dispensing on auto-winding tape unit reduces machine downtime.



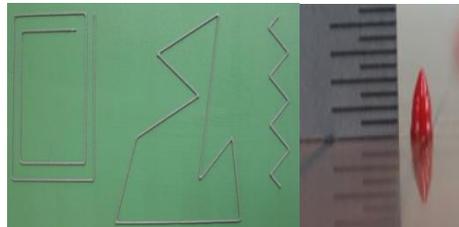
**Warped PCB Detection**

Measuring several points on PCB surface handles dispensing on warped PCB.



**Drawing (High Height) Function**

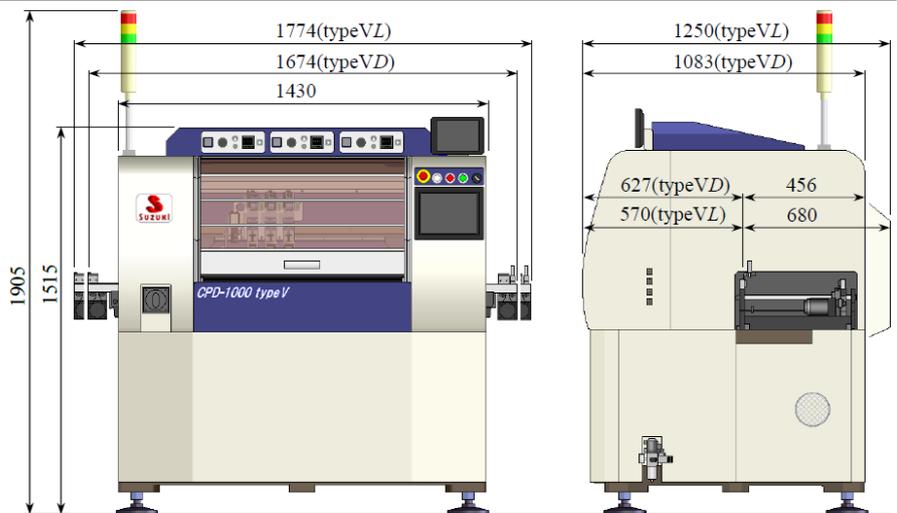
Making high-height-dispensing, Elliptical and alphanumeric drawing by using non-contact nozzle.



**Other Selectable Options**

- Bad Mark Sensor
- Rear Conveyor Reference
- Conveyor Cover
- Locating Pins (typeVD only)
- Data Select Function (by QR / Barcode Reader)
- Auto Backup Pin Set
- Head Cooler
- Atmosphere Temperature Control (Separate Cooler Unit)
- Off Line Data Conversion Software
- Customized Color
- Customized Nozzle
- Customized Remodeling

Please follow the "MANUAL" for the use of machine.  
 Please do not modify the machine nor remove safety equipment.  
 ■In case re-selling to a third person, please contact to a supplier, in advance.  
 ■Specifications may be revised without prior notification for the improvement of the system.  
 ■The contents of this catalogue is updated on May of 2016.



Weight : Approx. 1100kg(typeVD) Approx. 1150kg(typeVL)