

Fully digital controlled dispenser



# The pinnacle of Air Pulse dispenser, **NEW** soaring to further height.



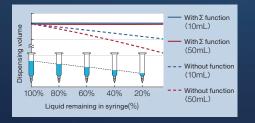
# **2** 3 major functions equipped !

## Automatic correction of volume reduction

Compensates for the decrease in dispensing volume due to the effect of the difference in hydraulic head. Stable, high-precision dispensing is achieved through a single syringe.



Improved detection accuracy of the hydraulic head difference, enabling more precise corrections.



## 2 Automatic vacuum correction

Constantly adjusting to the optimal vacuum pressure to prevent dripping and enhance dispensing accuracy stability.





Improved stability and responsiveness of the vacuum pressure, reducing the effect of interval time.

#### Automatic low liquid remaining alarm

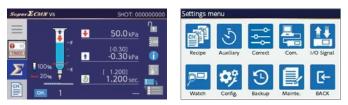
High-precision detection and monitoring of liquid remaining in the syringe.

Improved detection accuracy just before material depletion. Enabling two-stage remaining amount warnings.



## **User-friendly**

#### NEW Equipped with a 4.3 inch touch panel



Intuitive understanding of more information through an excellent user interface. Easy configuration through touchscreen.

## **Compact and energy-saving**

### NEW ECO mode



Reducing air consumption during operation. Over 90% reduction in air consumption during standby (when vacuum is off).

#### NEW Sleep mode

Reducing power and air consumption during temporary machine suspension. Up to 25% reduction in standby power consumption (screen darkens, SHOT not available).



30% reduction in the volume of the casing (compared to our previous models).

# Contribution to smart factory integration

Quality and production status visualization and troubleshooting analysis through remote operation.

### **Production control**

NEW

Equipped with log, self-diagnosis, emergency stop

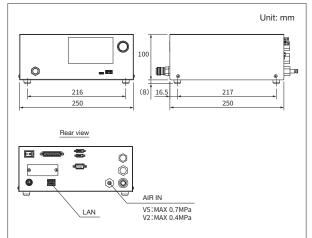
# Network connection compatible

Equipped with LAN port (Ethernet compatible)

### **PC communication**

Equipped with USB ports (Type-C and Type-A compatible)

#### External dimensions



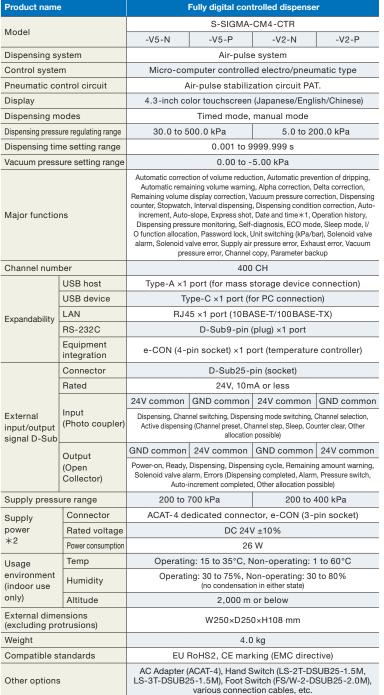
# High-precision Peltier type temperature control system **PELTIER mini**



# Centralized management through cooperation with temperature controller

Centralized management of operations and control through cooperation with Super $\Sigma$ CMIV.

#### Specifications

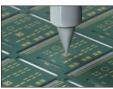


\*1 Date/time data is saved by built-in lithium coin battery (primary battery)

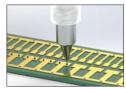
\*2 The AC adapter is not included in the product. Power should be supplied by one of the following methods. Using our ACAT-4 (input rating AC100-240V 50/60Hz).

- Using our ACAT-4 (input rating AC100-240V 50/60Hz).
- Using SELV power supply compliant with the LVD conformity standard of CE marking. (Applicable plug: e-CON 3-pin)

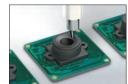
#### Application



Ag paste dispensing for die bonding



Solder paste dispensing to lead frame



UV dispensing for fixing the automotive camera lens.



Safety precautions Please read the instruction manual carefully before use to ensure correct and safe usage.

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