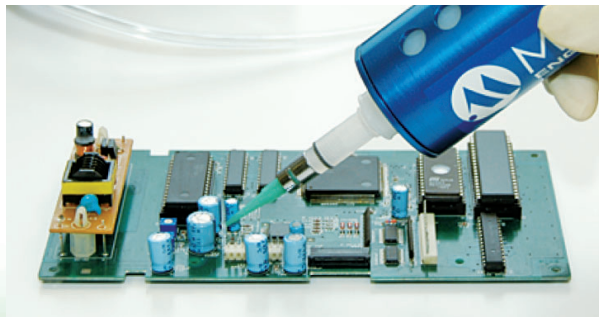
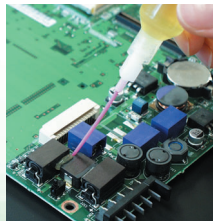


**Outstanding cost-performance.**



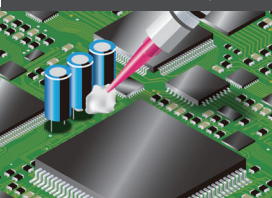
- 130% Improved dispensing accuracy.
- Equipped dispensing parameter setup function.
- Ultralight and compact.

Great cost-performance

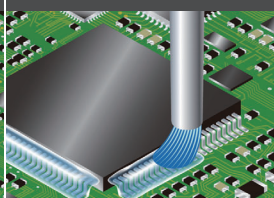


**DISPENSING APPLICATIONS**

Sealant dispensing for reinforcement of SMT components



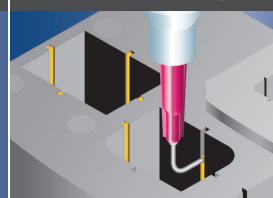
PCB coating



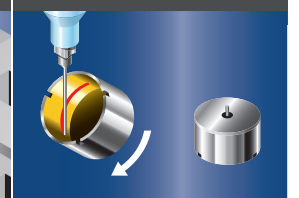
UV glue dispensing to Optical pickup



Grease dispensing on the switch of instrument panel



Magnet bonding on small-sized motor



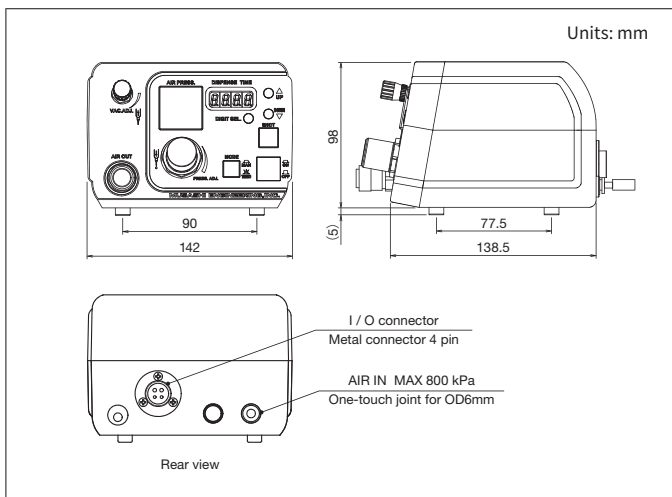
## Features

- Equipped with wide-range dispense timer
- Enable to switch any specification of output signal
- Universal input for worldwide voltage
- CE-marking, EU RoHS2 compliant

## Specifications

Product name		Highly functional ECO Dispenser SMART SHOT	
Model	MS-1-CTR	MS-1D-CTR	
Dispensing system	Air-pulse system		
Control system	Micro-computer controlled electronic-pneumatic system		
Pressure display	Analog pressure gauge	Digital pressure gauge	
Dispensing modes	TIMED/MANUAL mode		
Dispensing pressure setting range	20 to 700 kPa		
Dispensing time setting range	0.010 to 9,999 s		
Vacuum pressure setting range	0 to -20 kPa (Source pressure 600 kPa)		
Main functions	Manual/Timed mode switching, Stopwatch		
Input signals	Dispensing		
Output signals	Dispensing completion/in-dispensing (selectable)		
Source pressure	Connection pecifications	One-touch joint for OD6mm	
	Range	Dispensing pressure +100 kPa or more and maximum of 800 kPa	
Rated power supply and frequency	AC100 to 240 V 50/60 Hz		
Power consumption	12 W		
Conformity standards	EU RoHS2, CE-marking (Low Voltage Directive, EMC Directive)		
External dimensions	W142 x D138.5 x H103 mm		
Weight	0.79 kg		
Other options	Handy switch, Foot switch, Syringe stand, Various connection cables, etc.		

## External dimensions



## Applicable dispensing materials

Various fluids such as solder paste, silver paste, UV resin, epoxy resin, instant adhesive, silicone resin and grease.

## Applications

Dispensing adhesives, potting, coating, sealing, filling, dotting and drawings.

### Convenient option



### Handy switch

Handy switches that is fit on the tip of syringe to control dispensing ON/OFF for manual application. The soft touch switch operation offers precise dispensing control and less nozzle off-target.

Model: ① LS-3T-1604P  
② LS-2T-1604P



### Foot switch

This switch is used to trigger and stop dispensing with your foot.

Model: FS/W-2-1604P



### Handy switch compatible Syringe stand

These stands are used for holding the syringe during and after operation. Please choose according to the syringe size you are using.

Model: ① SYS-5B for 5 mL  
② SYS-10B for 10 mL  
③ SYS-20B for 20 mL  
④ SYS-30B for 30 mL  
⑤ SYS-50B for 50 mL



#### Safety precautions

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

\*These specifications are subject to change without any notice.

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