

SMART SHOT

MS-1/MS-1D

Outstanding cost-performance.



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

Great cost-performance

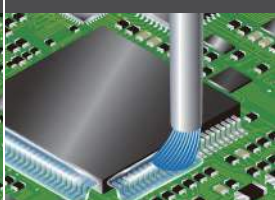


DISPENSING APPLICATIONS

Sealant dispensing for reinforcement of SMT components



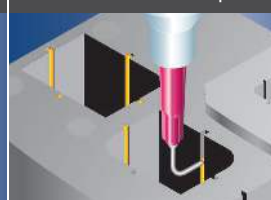
PCB coating



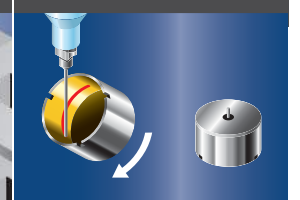
UV glue dispensing to Optical pickup



Grease dispensing on the switch of instrument panel



Magnet bonding on small-sized motor



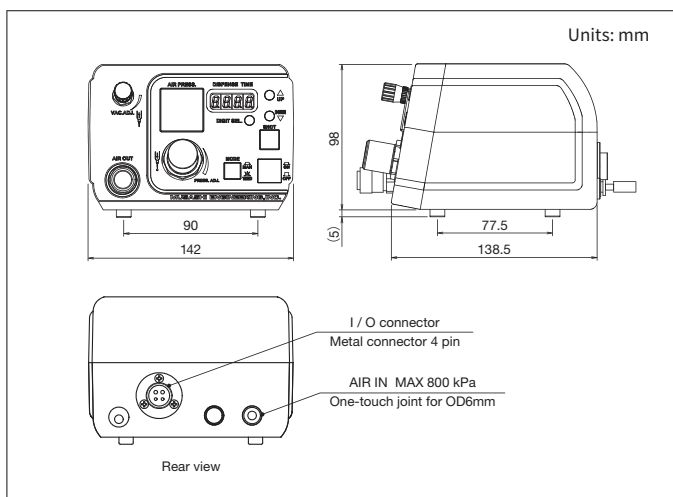
Features

- 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



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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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

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