

*Best suited for dispensing
Ag paste and solder paste*



No clogging of nozzle, high-speed and Stable dispensing of high viscosity particle-filled paste

«Significant reduction in running cost!»

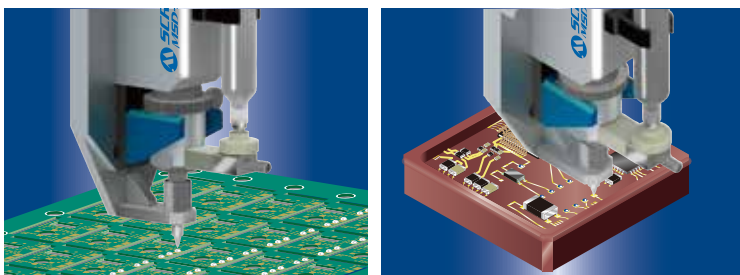
- ◆ “Using up” materials ⇒ Material cost reduction
- ◆ Easy syringe replacement ⇒ Downtime reduction
- ◆ Remarkably longer-lived consumables
⇒ Maintenance loss reduction
- ◆ **Newly Developed** Synchro speed™ function equipped
⇒ Adjustment time loss reduction

Min. diameter **φ0.15mm**

Dispensing speed **4× faster***

* compared to our air pulse types

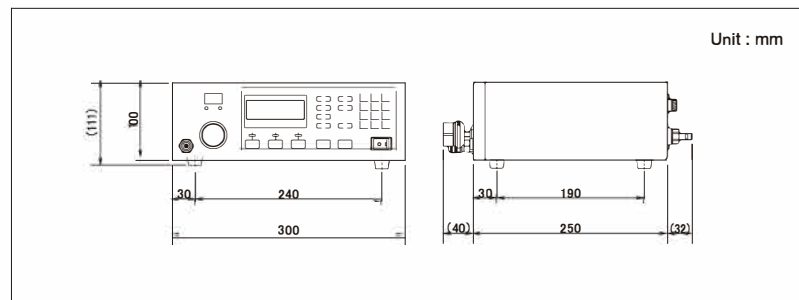
Applicable fluid materials Solder paste, Ag paste, and so on.



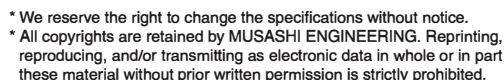
Item name		High performance screw dispenser		SCREW MASTER3
Model		MSD-3-SET1	MSD-3-SET2	MSD-3-SET3
Dispensing method		Screw type		
Main functions		High-speed dispensing of high viscosity pastes, particle-filled pastes, and so on.		
Applicable fluid materials		Solder paste, Ag paste, epoxy resin, grease, and more		
Liquid feeding method		Syringe (for 5 - 70mL), tank* ¹	Syringe (for 5 - 50mL)	Sealant cartridge, barrel cartridge, tube cartridge
Dispensing mode		Timed, manual		
Dispensing time setting range		0.01 to 999.999s		
Quantity of channels		400 channels		
External input signal		Dispensing signal, Setup signal, Dispense mode switching signal, Error reset signal, Channel switching signal.		
External output signal* ²		Dispensing signal, Completed dispensing signal, Busy signal, Setup signal, Completed auto-increment signal, Error signal and Power-on signal.		
Other functions		Suck back, multi-preset, auto increment, Synchro speed™, RS-232C communication, Language selection (Japanese or English)		
Rated power supply and frequency		100 to 240 VAC (50/60 Hz)		
Power consumption		45 W		
External dimensions	Dispensing head unit	W37×D85×H230.5mm (excluding protrusion)	W37×D100×H230.5mm (excluding protrusion)	
	Controller section	W300×D250×H100mm (excluding protrusion)		
Weight	Dispensing head unit	1 kg (liquid and liquid container excluded)		
	Controller section	5.2 kg		
Compatible standards		CE-marking (LVD, EMC), EU RoHS		

*2 Usable one of two signals, the in-dispensing output or the dispensing complete output.

■ Controller section



Note : We reserve the right to change the specifications and appearance without notice.



**MUSASHI ENGINEERING,
INC.** is certified and
registered according to
ISO14001
**ENVIRONMENTAL
MANAGEMENT**



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