

*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 **4x faster\***

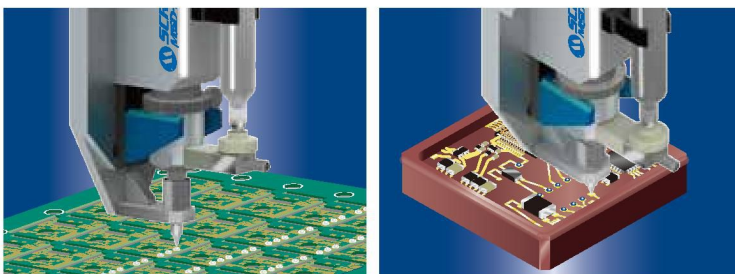
\* compared to our air pulse types



CE

PAT.P

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



# SCREW MASTER™ 3

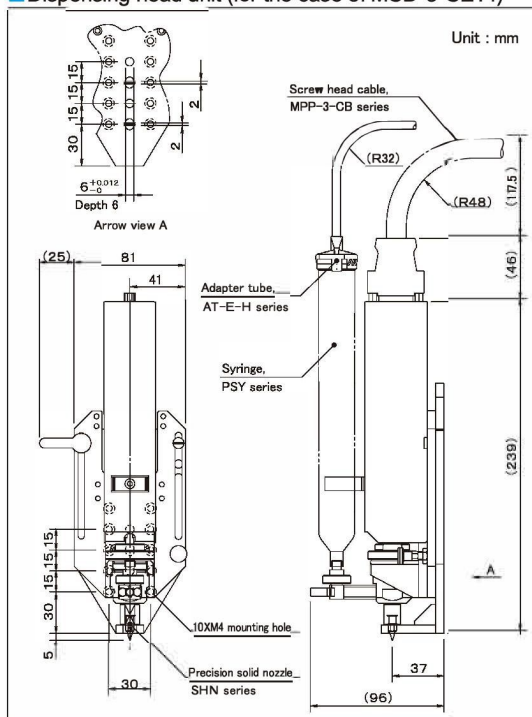
## Specifications

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		

\*1 Needs to be connected through valves or other products. Please contact the Musashi Sales Department.  
\*2 Usable one of two signals, the in-dispensing output or the dispensing complete output.

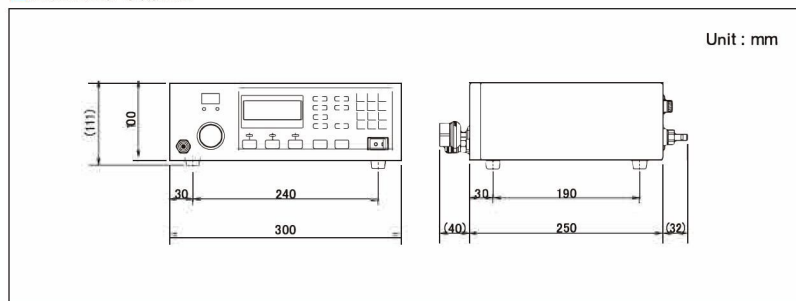


■ Dispensing head unit (for the case of MSD-3-SET1)

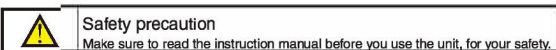


## Dimensions

### ■ Controller section



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



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