

NEW

High-capacity volumetric
digital control dispenser

MEASURING MASTER
MPP-5
Head M

**Quantitative dispensing
of viscosity-varying
liquid materials.
Exceptional
“Dispensing Precision”.**

*A comprehensive lineup from small to
large flow rates*

*Enhanced error detection capabilities
and improved usability*

*Equipped with production management
features <Log management, Self-diagnosis>*

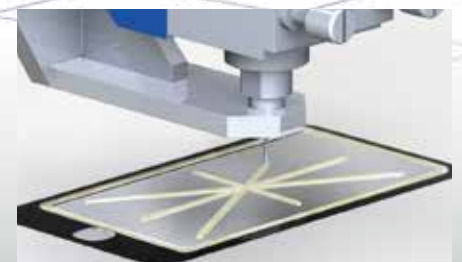
Dispensing Applications



CIPG(Gasket)



2-component thermal adhesive

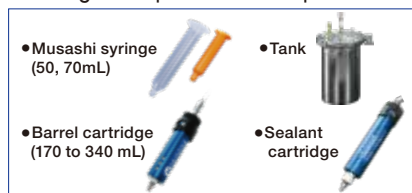


OCR(Fill)

Features of MPP-5

Compatible with various liquid containers

Syringe (50, 70mL), Compatible with barrels (170, 340mL) and even with tank connections. Selecting containers based on usage and production requirements.



170mL barrel | 340mL barrel | Tank connection



2-component mixing configuration



Specifications

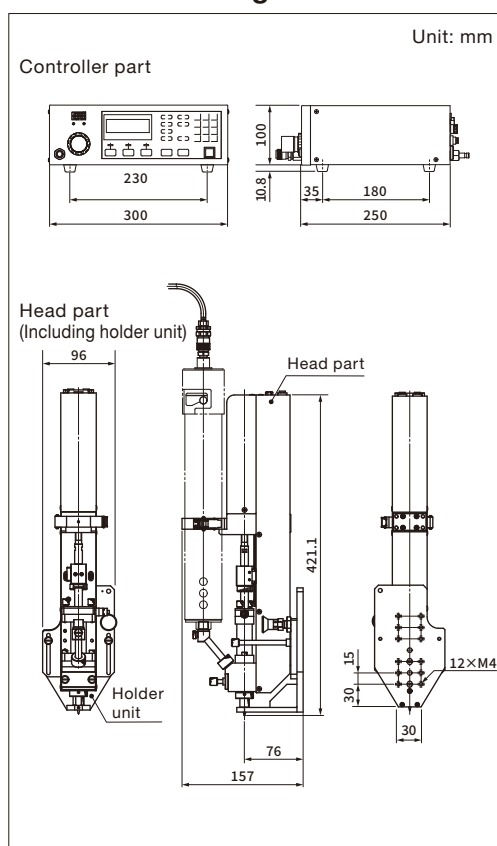
Product name	Volumetric digital control dispenser MEASURING MASTER					
Model	MPP-5-H-M					
Dispensing System	Volumetric type & Plunger type					
Pump unit mode *	MPP-5-P-M-PU-12-2	MPP-5-P-M-PU-32-2	MPP-5-P-M-PU-51-1	MPP-3-PU-51B2-1	MPP-5-P-M-PU-73-1	MPP-3-PU-73B2-1
	MPP-5-P-M-PU-12B1-2	MPP-5-P-M-PU-32B1-2	MPP-5-P-M-PU-51B1-1		MPP-5-P-M-PU-73B1-1	
Liquid feeding block unit model	MPP-3-LB04-1					
Nozzle Cap model *	MPP-5-LB04-1-SCS					
Main functions	Precision dispensing of viscosity-varying liquid materials					
Dispensing volume range	0.0001 to 1.2000 mL	0.0001 to 3.2000 mL	0.0001 to 5.1000 mL		0.0001 to 7.3000 mL	
Dimensions (excluding protrusion)	Width (W)	96 mm		163 mm	96 mm	163 mm
	Depth (D)	157 mm		161 mm	157 mm	161 mm
	Height (H)	421.1 mm		466.5 mm	421.1 mm	466.5 mm
Weight	MPP-5-M-SET1	Head section: 2.8 kg (excluding liquid materials and liquid material containers)				
	MPP-5-M-SET2	Head section: 2.9 kg (excluding liquid materials and liquid material containers)				
	MPP-5-M-SET3	Head section: 3.3 kg (excluding liquid materials and liquid material containers)				
	Controller part	4.6 kg				
Liquid material supply container	MPP-5-M-SET1	Musashi syringe (50, 70mL), Our company's barrel cartridge (170~340ml)				
	MPP-5-M-SET2	Our company's sealant cartridge				
	MPP-5-M-SET3	Our company's tank series				
Applicable liquid materials	Grease, Encapsulating resin, UV adhesive, etc.					
Applicable liquid materials viscosity	1 to 100,000 mPa·s (reference range)					
Applicable nozzles *	Our company's nozzles and needles					
Compatibility standard	EU RoHS2, CE Marking (Low Voltage Directive, EMC directive)					
Channel number	400 CH					
Rated voltage and frequency	AC100-240 V, 50/60 Hz					
Power consumption	75 W					

* MPP-3-PU-51B2-1 and MPP-3-PU-73B2-1 are configurations for 2-component mixed dispensing. These models do not include a needle adapter, which is required for connecting the nozzle cap and nozzle.

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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Outside drawings



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