

Volume measuring type  
digital control dispenser

# *MEASURING MASTER™* **MPP-1**

Ultra-precision constant  
volume dispensing of  
"liquid material  
with varying viscosity."

*Set dispensing volume to suit capacity and density*

*High resolution & high linearity*

*Tool-less operation for easy maintenance*



## Dispensing applications



*Dispensing into vial bottles*



*Potting sensor components*



*OCR (Dam)*

## MPP-1 Features

### Wide range of pump capacity variations

Select pump capacity (fully filled volume) to suit application requirements. Various customizations available to suit liquid material specifications.

### Full-surface dispensing with slit nozzle

Slit nozzle for even full-surface film dispensing in a single pass.

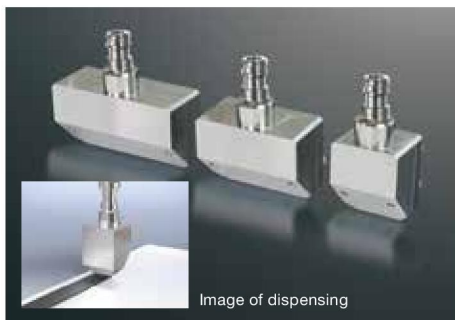


Image of dispensing



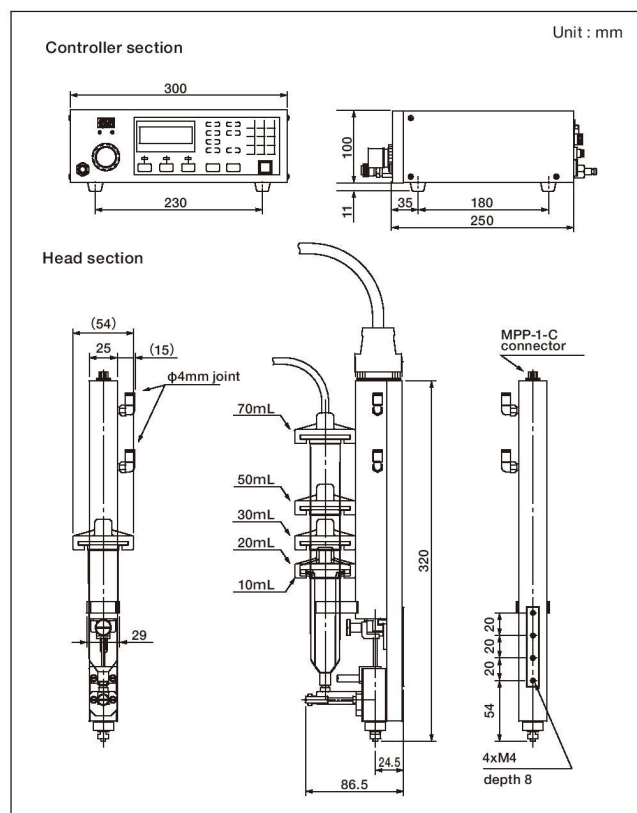
### Specifications

Item name	Volume measuring type digital dispenser MEASURING MASTER		
Model	MPP-1		
Dispensing system	Volume measuring type & plunger type		
Control system	Microcomputer digital control system		
Dispensing volume range	Standard type	0.15mL	Select any one of them
	B1 type	0.15mL	
		0.30mL	
		0.65mL	
Minimum dispensing volume setting value	From 0.00001 mL		
Liquid material supply pressure range	0.001 to 0.500 MPa		
Applicable containers	Syringe (10, 20, 30, 50 or 70mL)		
Channel number	400 channels		
Rated voltage and frequency	AC100 to 240 V 50/60 Hz		
Power consumption	25W		
Dimensions	Controller section: W300 x D250 x H111mm (excluding protrusion)		
	Head section: W25 x D86.5 x H320mm (excluding protrusion)		
Weight	Controller section: approx. 4.5kg		
	Head section approx. 850 g (not including container and liquid material)		

## Two-component mixing configuration



### Outside drawings



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

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