

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.

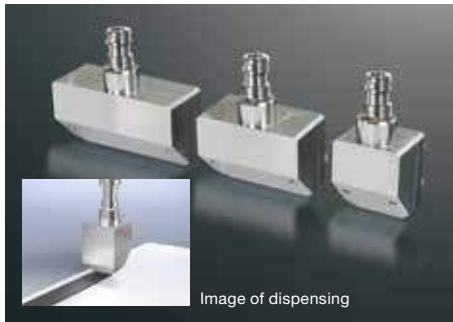


Image of dispensing



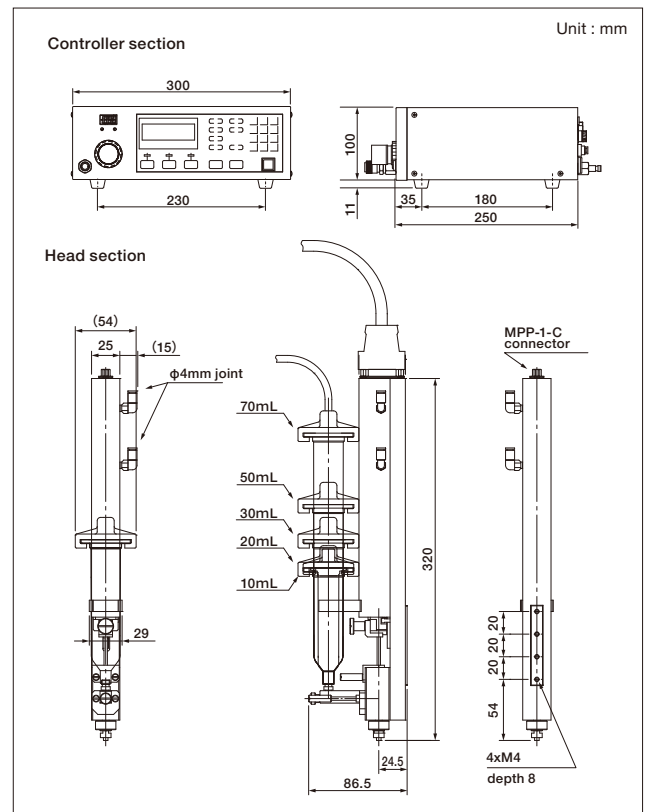
Specifications

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



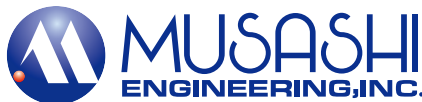
Safety precautions

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

*These specifications are subject to change without any notice.

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MUSASHI ENGINEERING, INC. (headquarters) is certified and registered according to the ISO 9001 Quality Management System and the ISO 14001 Environmental Management System.



World Leading Dispenser
MUSASHI ENGINEERING, INC.

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