

Volume measuring type digital control dispenser

# MEASURING MASTER<sup>™</sup>

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

MEASLIRING MASTER MPP-1-02

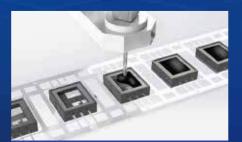
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**Dispensing applications** 



Dispensing into vial bottles



Potting sensor components



OCR (Dam)

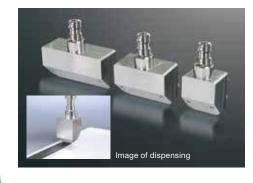
## **MPP-1 Features**

### 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

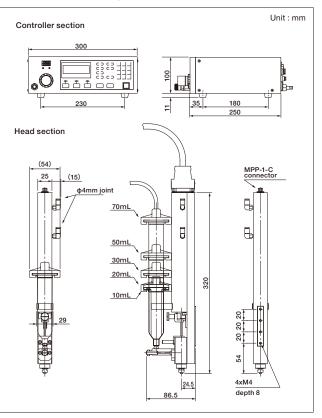
Slit nozzle for even full-surface film dispensing in a single pass.







### Outside drawings



### Specifications

Dimensions     Head section: W25 × D86.5 × H320mm (excluding protrusion)       Weinht     Controller section: approx. 4.5kg				
Dispensing system     Volume measuring type & plunger type       Control system     Microcomputer digital control system       Dispensing volume range     Standard type     0.15mL       B1 type     0.15mL     Select any one of them       Minimum dispensing volume setting value     From 0.00001 mL     Select any 0.65mL       Minimum dispensing volume setting value     From 0.00001 mL     Select any 0.65mL       Minimum dispensing volume setting value     From 0.00001 mL     Select any 0.65mL       Minimum dispensing volume setting value     From 0.00001 mL     Select any 0.001 to 0.500 MPa       Applicable containers     Syringe (10, 20, 30, 50 or 70mL)     Select any 0.001 to 0.400 to 240 V 50/60 Hz       Power consumption     25W     Select any 0.001 to 240 V 50/60 Hz       Dimensions     Controller section: W300 x D250 x H111mm (excluding protrusion Head section: W25 x D86.5 x H320mm (excluding protrusion)       Weinht     Controller section: approx. 4.5kg	Item name			
Control system     Microcomputer digital control system       Dispensing volume range     Standard type     0.15mL       B1 type     0.15mL     Select any one of them       Minimum dispensing volume setting value     From 0.00001 mL     one of them       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)       Weinht     Controller section: approx. 4.5kg     Controller section: approx. 4.5kg	Model	MPP-1		
Standard type     0.15mL       Dispensing volume range     B1 type     0.15mL       B1 type     0.30mL     one of them       0.65mL     0.65mL     one of them       Minimum dispensing volume setting value     From 0.00001 mL     one of them       Liquid material supply pressure range     0.001 to 0.500 MPa     One       Applicable containers     Syringe (10, 20, 30, 50 or 70mL)     One       Channel number     400 channels     Power consumption     25W       Dimensions     Controller section: W300 x D250 x H111mm (excluding protrusion)     Head section: W25 x D86.5 x H320mm (excluding protrusion)       Weinht     Controller section: approx. 4.5kg	Dispensing system	Volume measuring type & plunger type		
Dispensing volume range Outcome of pro- 0.15mL Select any one of them   B1 type 0.30mL one of them   0.65mL 0.65mL 0.001 to 0.500 MPa   Minimum dispensing volume setting value From 0.00001 mL 0.001 to 0.500 MPa   Liquid material supply pressure range 0.001 to 0.500 MPa 0.001 to 0.500 MPa   Applicable containers Syringe (10, 20, 30, 50 or 70mL) 0.001 to 0.400 V 50/60 Hz   Channel number 400 channels 0.001 to 240 V 50/60 Hz   Power consumption 25W 25W   Dimensions Controller section: W300 x D250 x H111mm (excluding protrusion)   Weinht Controller section: approx. 4.5kg	Control system	Microcomputer digital control system		
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	Dimensions	Controller section: W300 × D250 × H111mm (excluding protrusion) Head section: W25 × D86.5 × H320mm (excluding protrusion)		
	Weight	Controller section: approx. 4.5kg Head section approx. 850 g (not including container and liquid material)		

### Safety precautions Please read the instruction manual carefully before use to ensure correct and safe usage. \*The copyright of distribution of the catalog to any ot prohibited; doing

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