

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)

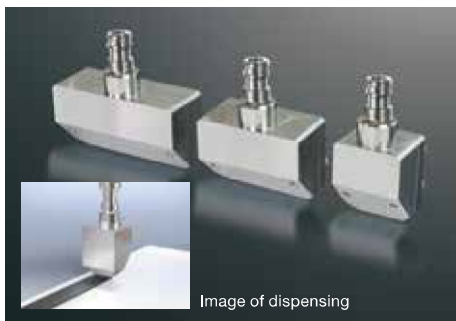
MPP-1 Features

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.



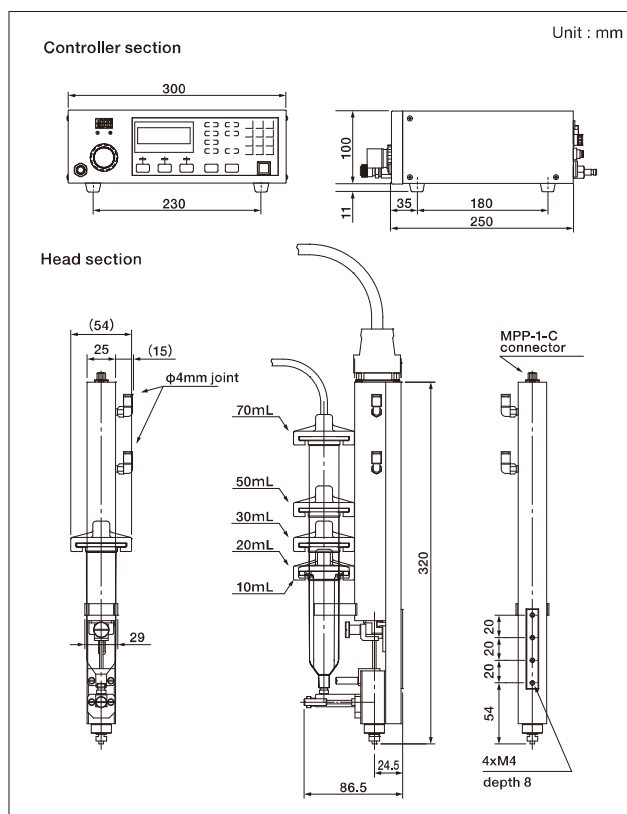
Specifications

| | | | |
|---|--|--------|------------------------|
| 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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World Leading Dispenser
MUSASHI ENGINEERING, INC.

HEAD OFFICE

8-7-4, Shimorenjaku, Mitaka, Tokyo, 181-0013, Japan TEL : (81)422-76-7111 / FAX : (81)422-76-7122

BRANCH

TOKYO, OSAKA, NAGOYA, SENDAI, FUKUOKA, SAITAMA, NAGANO, EAST-KANTO, AKITA, KANAZAWA

autorisierter Vertriebspartner für Deutschland

ATN Automatisierungstechnik Niemeier GmbH



Segelfliegerdamm 94-98
D-12487 Berlin, Germany

Tel.: ++49 30 565 9095-0
Fax: ++49 30 565 9095-60

mail: info@atn-berlin.de
web: www.atn-berlin.de