



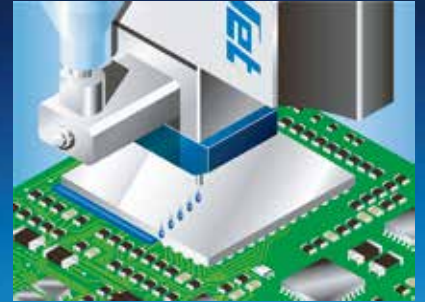
MUSASHI
ENGINEERING, INC.

JET dispenser for mid-to high viscosity

AeroJet™
MJET-A



MAX speed
333
Shots/sec.



Underfilling

Applications

- Jetting silver paste to lead frames
- Conformal coating for automotive PCB
- Jetting UV glue
- Adhesion/bonding of various electronic parts
- Dotting, lining, coating, and more

High-speed and precision JET Greatly reduced yield cycle time

Pinpoint shooting

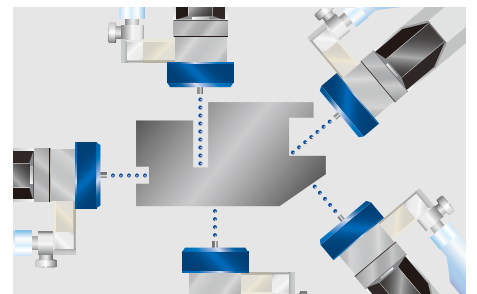
- Flexible dispensing from below, side, or oblique directions
- Effective for applications on uneven/narrow areas to which the normal nozzle is not accessible

High-speed processing

- Dispensing possible without being affected by curves or individual differences in workpieces
- No z-axis movement or gap control is necessary
- Ultra-high-speed processing for the high-precision stable dispensing of minute dots

Cost reduction

- Applied amount needed to the points required



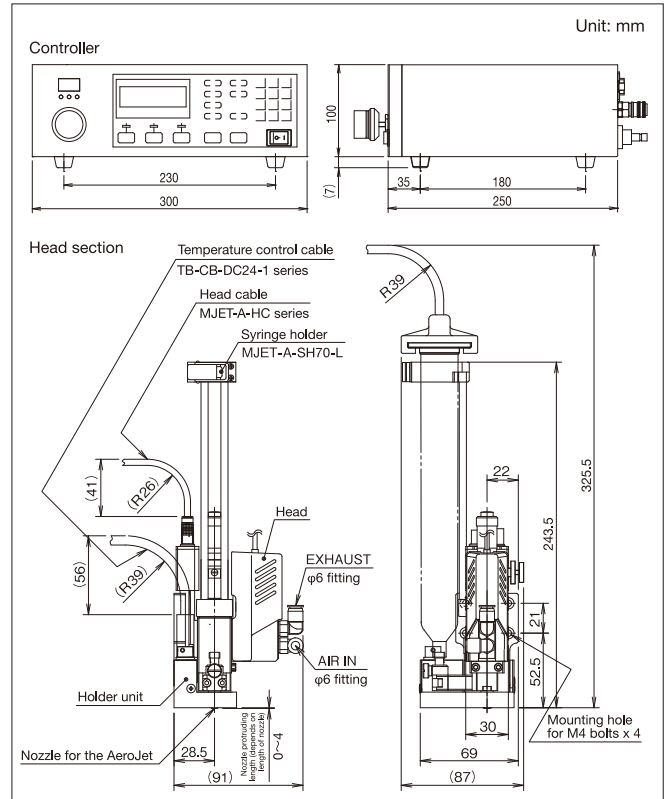
Features

- Equipped with Synchro Speed™
- Selectable liquid feeding unit; Tanks, cartridges and syringes
- Temperature controller mounted as standard

Specifications

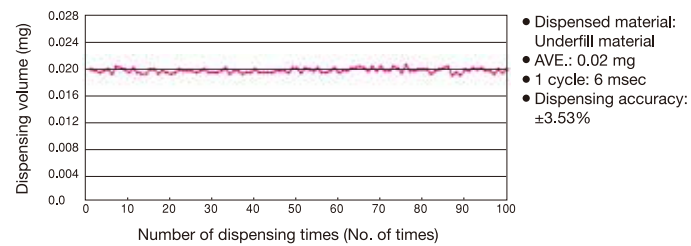
Name	NON-CONTACT JET DISPENSER AEROJET [MACHINE MOUNTED USE CE-MARKED]
Model	MJET-A-MC-CE
Controller unit's model	MJET-4-CTR
Dispensing method	Jet type
Control method	Electro-pneumatic system
Applicable liquid materials	Underfill material, silver paste, conformal coating material, UV-curing adhesive, epoxy resin, grease, flux, etc.
Applicable containers	5/10/20/30/50/70 ml syringe 100/170/340 ml cartridge other large size of tanks
Temperature setting range	MAX : 80 °C
Dispensing modes	Timed mode/Manual mode; LINE mode/DOT mode
Dispensing time setting range	0.002 - 9.99999 s
Shot count setting range	1 - 9999
Main functions	Synchro Speed™, missed shot detection, dispense counter, stop watch, Japanese/English display switching, feeding pressure drop warning
Number of channels	100 CH
RS-232C serial communication	Enabled
External input signals	Test dispense, mode switch, CH for multi-preset function
External output signals	Dispense possible, dispense completed/dispense in progress (selectable), pressure decrease, electromagnetic valve drive, main mode status, sub mode status, power ON
Rated voltage and frequency	AC100 - 240 V 50/60 Hz
Power consumption	15 W
Applicable standards	CE marking (low voltage directive, EMC directive), EU RoHS
Head dimensions	W76×D91×H138 mm
Head weight	0.6 kg
Controller dimensions	W300×D250×H100 mm
Controller weight	4.0 kg

Outline and dimensions



Dispensing accuracy graph

Precision of the dispensing amount of the underfill agent by the AeroJet



Example: Equipped with DISPENSMASTER™ FAD™ 5100



MUSASHI ENGINEERING, INC. is certified and registered according to ISO14001 ENVIRONMENTAL MANAGEMENT.



Safety precaution
 Make sure to read the instruction manual before you use the unit, for your safety.

* We reserve the right to change the specifications without notice.
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World Leading Dispenser
MUSASHI ENGINEERING, INC.

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CAT. No. AEROJET-04185-E-COPY