

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

MAX speed

333

Shots/sec.



High-speed and precision JET *Greatly reduced yield cycle time*

Pinpoint shooting

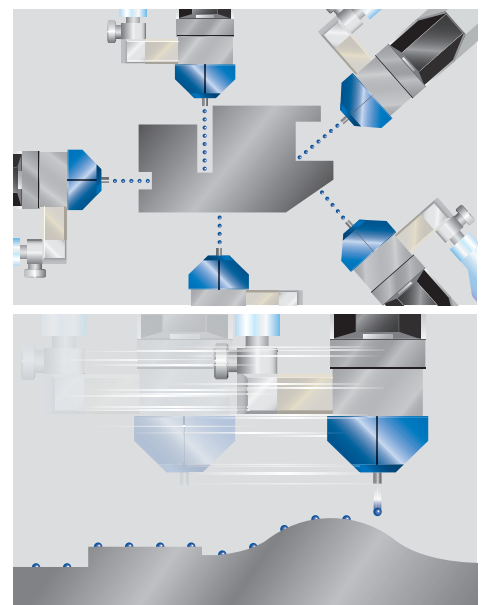
- Flexible dispensing from below, side, or oblique directions
- Effective for applications on uneven/narrow areas to which the normal nozzle is not accessible

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

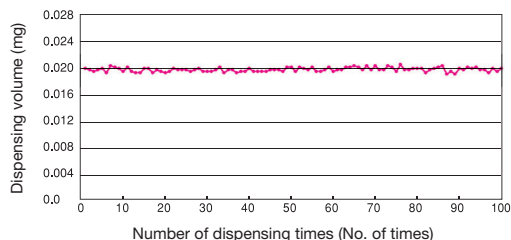
Specifications

Name	NON-CONTACT JET DISPENSER AEROJET
Model	MJET-A-2-4CTR
Controller unit's model	MJET-4-CTR
Dispensing method	Jet type
Control method	Microcomputer digital control system
Applicable liquid materials	Underfill material, silver paste, conformal coating material, UV-curing adhesive, epoxy resin, grease, flux, etc.
Applicable containers	Syringe (5 to 70 mL), tank
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	Missed shot detection, Synchro Speed, RS-232C communications, Japanese-English display switching
Number of channels	100 CH
External input signals	External dispensing, dispensing mode switching, channel switching
External output signals	Dispensing completion or in-dispensing, solenoid valve actuation, low pressure, mode status, power ON
Rated voltage and frequency	AC100 - 240 V 50/60 Hz
Power consumption	110 W
Applicable standards	CE marking (low voltage directive, EMC directive), EU RoHS
Head unit dimensions	W91xD91xH180.5 mm*
Head unit weight	0.6 kg
Controller dimensions	W300xD250xH107 mm
Controller weight	4.0 kg

*PSY-50F is equipped.

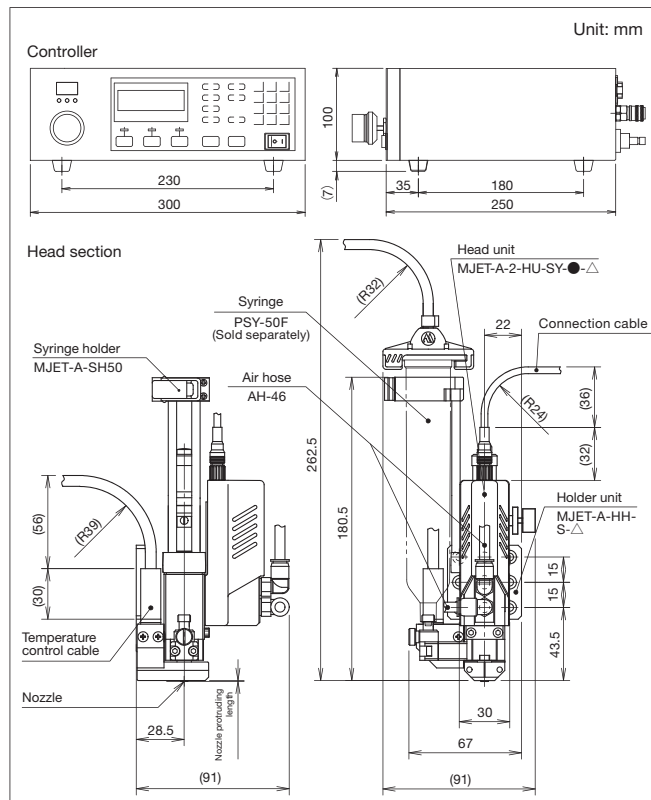
Dispensing accuracy graph

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



- Dispensed material: Underfill material
- AVE.: 0.02 mg
- 1 cycle: 6 msec
- Dispensing accuracy: $\pm 3.53\%$

Outline and dimensions



Example: Equipped with DISPENSMASTER FAD5100



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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<http://www.musashi-engineering.co.jp/english/>

World Leading Dispenser

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