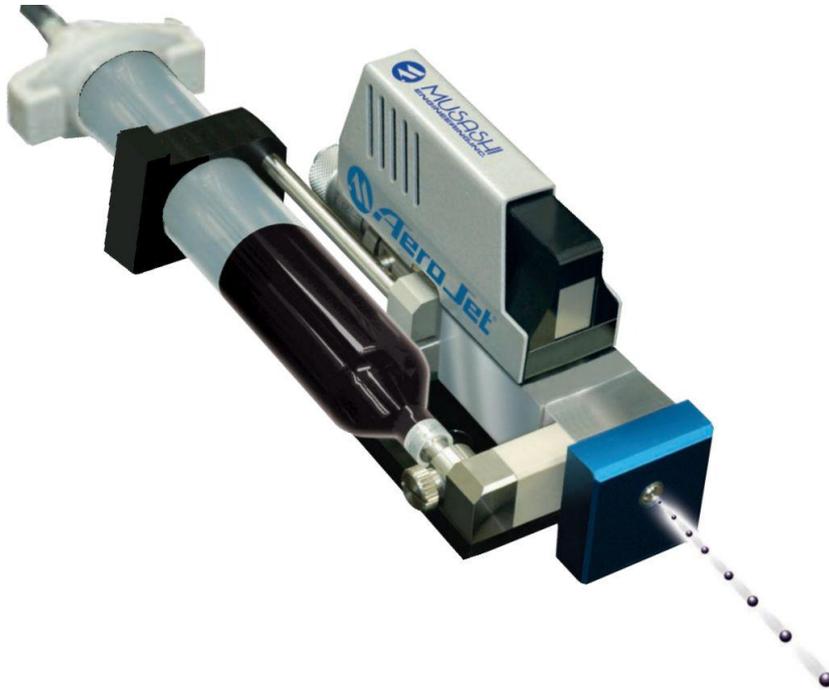


AeroJet®



also for
Solder Paste

*The worlds fastest jet dispenser, 330 dps
even with high viscous materials*



- **Super-high Speed Dispensing.** Find out how fast it is.
- MUSASHI's own jet mechanism makes super micro dots
- **Four more times durable compared with our conventional jet dispenser**
- Achieved steady an reproducible dispensing
- Nozzle heater controller comes as standard

Application

- Jet-dispense AG paste on lead frame
- Jet-coat PCB to prevent moisture for automotive industry
- Jet-dispense UV resin
- JET-bond various electronic parts
- Able to make any kind of dispensing, dotting, lining, coating and more

Specification

[Head]

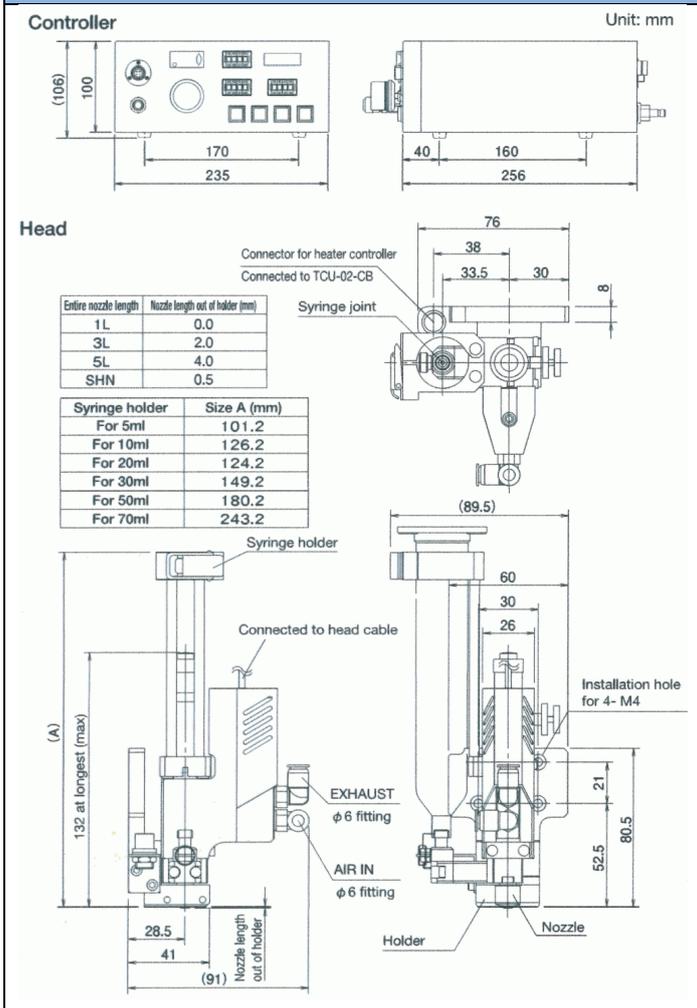
Product name	AeroJet head
Model	JET-A-HU * -R/L
Dispense method	Jet type
Drive method	Air type
Temperature (Heater) controller	With heater controller
Connectable syringe	Various syringe sizes are applicable (5 to 70ml)
Dispensable liquid materials	Underfill materials, Ag paste, moisture proof materials and UV resin, etc
Applicable range for liquid material viscosity	50 to 300,000mPa*s
Optional nozzles	Pipe type (1L, 3L, 5L): 15 to 32G
	All-in-one design (SHN) 28 to 36G
Air pressure supply	0.5 MPa or less (syringe)
	0.45 MPa or more (electromagnetic valve)
Weight (Net weight)	560g

* selective that depends on dispensing volume

[Controller]

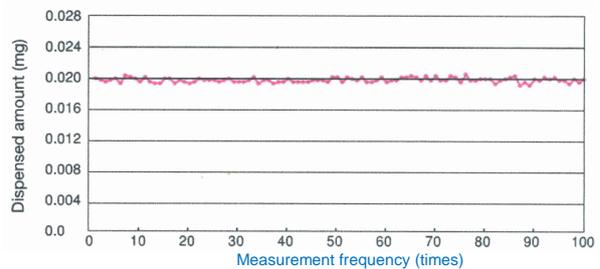
Model	MJET-3-CTR
Control method	Electronic-pneumatic method
Pressure setting	0.005 to 0.700 MPa
Control circuit of dispensing time	Digital timer circuit
Setting at	Dot mode
dispensing time	Line mode
	Turning on time: 0.01 to 99.99 sec.
Dispensing frequency setting function	Turning on time: 0.01 to 99.99 sec.
Display part	LED digital display
I/O Signal	Input (4pin connector: No point of contact or having point of contact signal)
	Dispensing signal
	Mode switching signal
	Output (noncontact output)
	Dispensing completion signal
	Dispensing signal
Air pressure supply	0.80 MPa or less
Power supply and power consumption	AC100 to 240V 50/60 Hz 62 W
Weight (Gross weight, Net weight)	4kg

Dimensional outline drawing



Dispensed amount chart

Tolerance of underfill material amount dispensed by AeroJet



- Dispensed material: underfill material
- AVE: 0.02mg
- one cycle 6 msec.
- Dispensing tolerance $\pm 3.53\%$

Example: ATN-Vario with AeroJet



Safety precautions

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

* the specification of the system may change without notice
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