

# SuperJet™

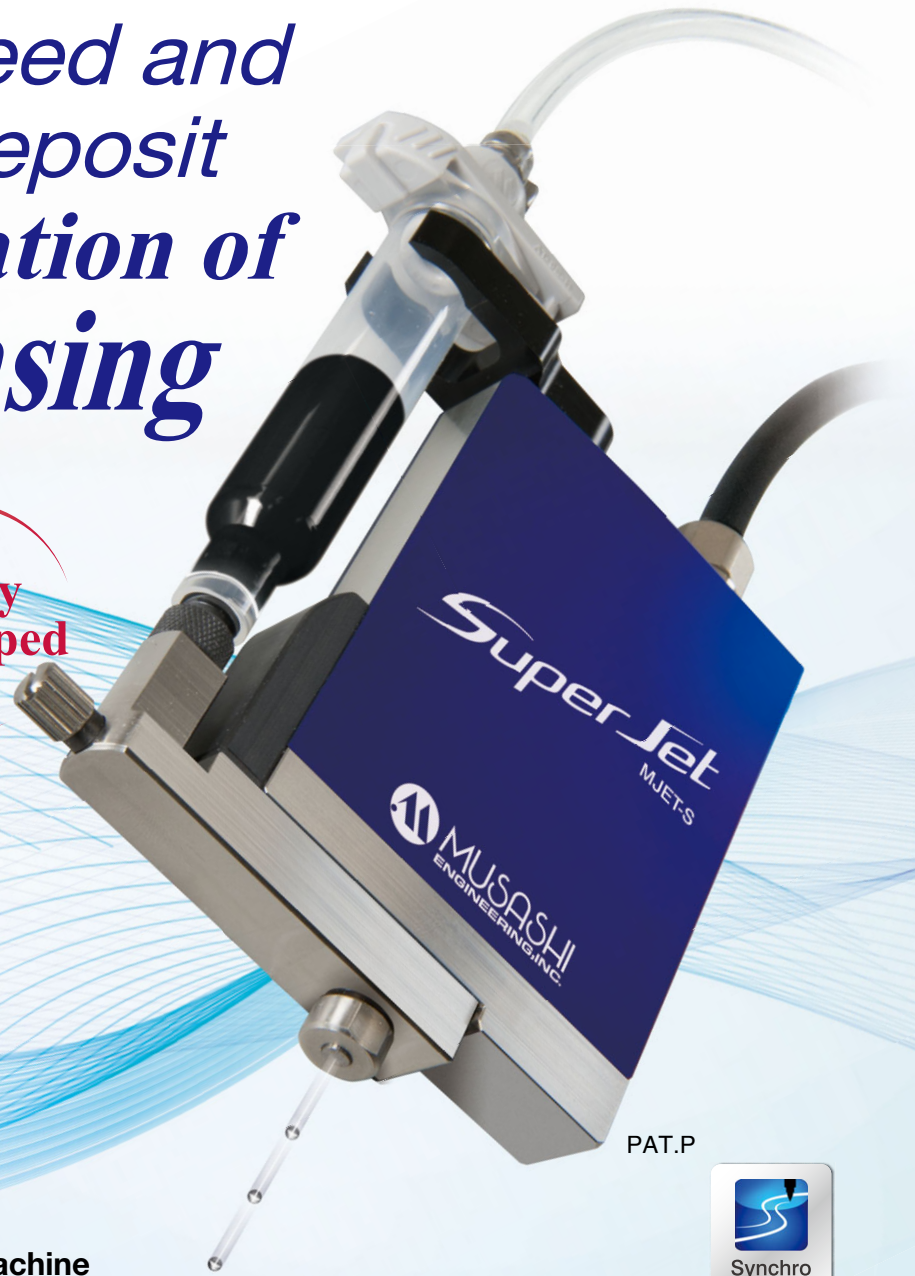
## MJET-S

*Ultra-high-speed and  
Ultra-micro-deposit  
Highest elevation of  
Jet dispensing*

Newly  
developed



Fully automatic machine  
Installation example of **FAD™ 5100S**



PAT.P



Ultra-high-speed

Max : 1,200Hz

Micro-deposit

No more than 0.5 nL/shot

High-precision

No more than  $\pm 1\%$

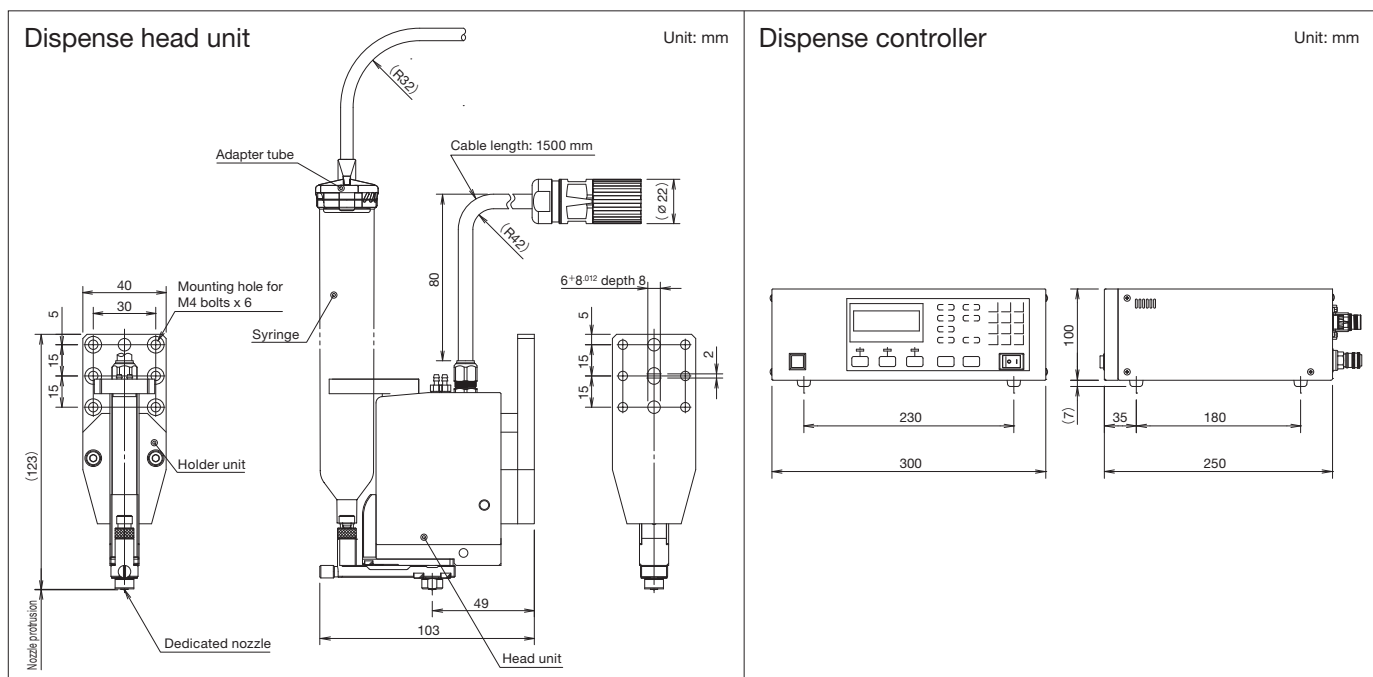
[Application examples]

- Conformal coating
- Underfill dispensing
- Silicone-based liquid dispensing
- Tab reinforcement
- Smartphone cover adhesive

## Specifications

Product name	NON-CONTACT JET DISPENSER SUPERJET	
Model	MJET-S	
Dispense controller's model	MJET-S-CTR	
Dispensing system	Jet system	
Control system	Microcomputer digital control system	
Applicable liquid materials	UF material, Ag paste, sealant, epoxy resin, grease etc.	
Applicable syringe	5, 10, 20, 30, 50 or 70 mL syringe	—
Applicable tank	—	Tank
Temperature setting range	MAX : 80 °C	
Dispensing modes	LINE/MAN, LINE/SET, DOT/MAN, DOT/SET	
Dispensing time setting range	0.25 - 9999.99 ms (ON time/OFF time both)	
Shot count setting range	1 - 99999999	
Main functions	Synchro Speed™, multi-channel presets, Japanese-English display switch, abnormal pressure supply warning	
Channel number	100 channels	
RS-232C serial communication	Available	
Input signals	Dispensing, channel switching, dispensing mode switching	
Output signals	Dispensing completion, in-dispensing, dispensing completion/in-dispensing (switchable), temperature control completion, busy, alarm, a low pressure, error, main mode status, sub mode status, power on	
Rated voltage and frequency	AC100 to 240V	50/60 Hz
Power consumption	220 W	
Conformity standards	EU RoHS	
Dispense head unit dimensions W*D*H	W29 x D87x H102 mm (excluding protrusions)	W31 x D95 x H166 mm (excluding protrusions)
Weight of dispense head unit	0.5 kg	
Dispense controller dimensions W*D*H	W300 x D250 x H107 mm (excluding protrusions)	
Weight of dispense controller	5.4 kg	

## Outside drawings



**MUSASHI**  
ENGINEERING, INC.

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



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

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