

# SuperJet™

## MJET-S

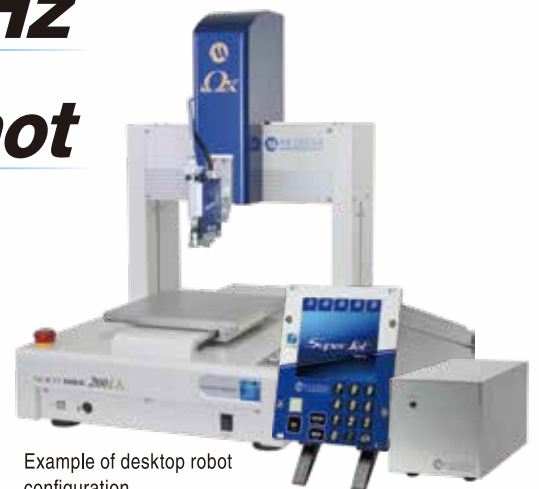
*Ultra-high-speed  
and Ultra-micro-deposit  
Highest elevation of jet dispensing*



Ultra-high-speed **Max: 1,200 Hz**

Micro-deposit **From 0.5 nL/shot**

### Dispensing applications



Example of desktop robot configuration

## Head features

- Can be used with thin, compact multi-head systems.
- Various syringes and tanks can be connected.
- Broad range of applications including Ag paste and moisture proof insulant fluid.



## Controller features

### Excellent operability

- Large 3.5-Inch color screen.
- Numeric keypad on front panel.
- Available in three languages: Japanese, English, Chinese.



### Comprehensive functionality

- Allows digital control of liquid feed pressure.
- Memory function for dispensing parameters.

### Mountable on automatic machines

- Capable of rack mounting. (3Ux21HP compliant)
- USB and RS232C communication ports for sending/receiving all parameters and remote control operation.



## Specifications

|                                 |  |                |
|---------------------------------|--|----------------|
| Product name                    | NON-CONTACT JET DISPENSER SUPERJET   |                |
| Model                           | MJET-S   |                |
| Dispensing system               | Jet system   |                |
| Control system                  | Microcomputer digital control system   |                |
| Liquid material supply method   | Syringe (5 to 70 mL)   | Tank           |
| Temperature setting range       | Built-in heater Max. 80°C  |                |
| Dispensing modes                | LINE/MAN, LINE/SET, DOT/MAN, DOT/SET   |                |
| Minimum dispensing time setting | 0.25 ms (both ON time/OFF time)  |                |
| Main functions                  | Synchro Speed™, multi-channel presets, Japanese-English-Chinese display switch, abnormal pressure supply warning |                |
| Channel number                  | 100 channels   |                |
| Data communications             | USB, RS-232C   |                |
| Rated voltage and frequency     | AC100 to 240V 50/60Hz  |                |
| Power consumption               | 75W  |                |
| Conformity standards            | EU RoHS CE-marking (Low Voltage Directive, EMC Directive)  |                |
| Dispense head unit dimensions   | W29×D87×H102mm   | W31×D95×H166mm |
| Weight of dispense head unit    | 0.5kg  |                |
| Dispense controller dimensions  | W106 x D171 x H128 mm<br>Suits 19-inch sub-rack (3Ux21HP)  |                |
| Weight of dispense controller   | 1.6kg  |                |
| Power supply unit dimensions    | W140×D239×H108mm   |                |
| Power supply unit weight        | 2.0kg  |                |

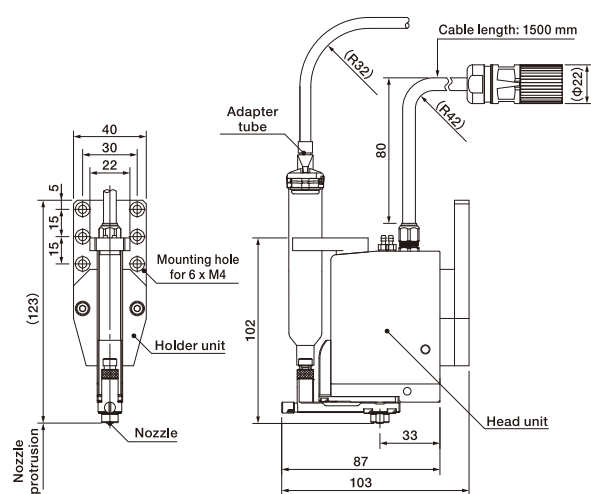
Compatible with reactive hot melt (PUR)

**HOT MELT**  
*Super Jet™*



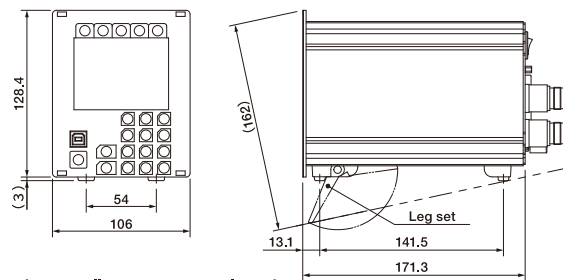
## External Dimensions

Head unit



Head controller

Measurement unit (mm)



Head controller power supply unit

