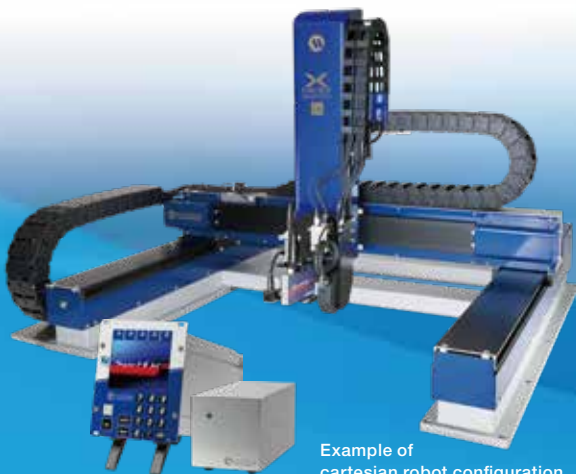


Super Hi Jet™

NEW

*More enhanced JET
For high viscosity
applications.*



Example of cartesian robot configuration

For viscosity ranges up to
1,000,000mPa·s

Excellent landing position accuracy

Rod replacement possible

Dispensing applications

Attaching diaphragms
to speakers



UV dispensing
on camera modules



Dispensing of solder paste
to PCBs



Head features

- Hassle-free maintenance.
- Thin & small. Can be used with multi-head systems.
- Designed for use with UV, solder paste, silicone and other materials.



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 delivery pressure.
- Memory function for dispensing parameters.

Mountable on automatic machines

- Can be rack mounted. (Suits 19-inch sub-racks, 3Ux21HP)
- USB and RS232C communication ports for sending/receiving all parameters and remote control operation.



Specifications

| Product name | Non-contact JET dispenser SUPER HI JET |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Model | MJET-S-HI |
| Dispense controller's model | MJET-S-CTR-RM (head controller) TCU-DC24-1 (temperature control controller) |
| Controller power supply unit | MJET-S-CTR-RM-PW-A |
| 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 to 70 mL syringes, tank |
| Temperature setting range | MAX: 100°C |
| Dispensing modes | LINE/MAN, LINE/SET, DOT/MAN, DOT/SET |
| Operating frequency | 300 Hz (maximum burst frequency: 500 Hz) |
| Main functions | Synchro Speed™, multi-channel presets, Japanese-English-Chinese display switching, USB communications, RS-232C communications |
| Channel number | 100CH |
| Input signals | Dispense signal, channel switching, dispensing mode switching |
| Output signals | Dispensing completion, in-dispensing, error, alarm, busy, power on |
| Rated voltage and frequency | AC100-240V 50/60Hz (head controller, temperature control controller) |
| Power consumption | MAX: 75 W (head controller) MAX: 68 W (temperature controller) |
| Conformity standards | EU RoHS, CE-marking (Low Voltage Directive, EMC Directive) |
| Dispense head unit dimensions | W89.5×D119.5×H125mm |
| Dispense head unit weight | 0.7kg |
| Head controller dimensions | W106×D171.3×H128.4 mm Suits 19-inch sub-rack (3Ux21HP) |
| Head controller weight | 1.6kg |
| Controller power supply unit dimensions | W140×D239×H108mm |
| Controller power supply unit weight | 2.0kg |
| Temperature controller dimensions | W120×D140×H90 mm |
| Temperature controller weight | 1.0kg |

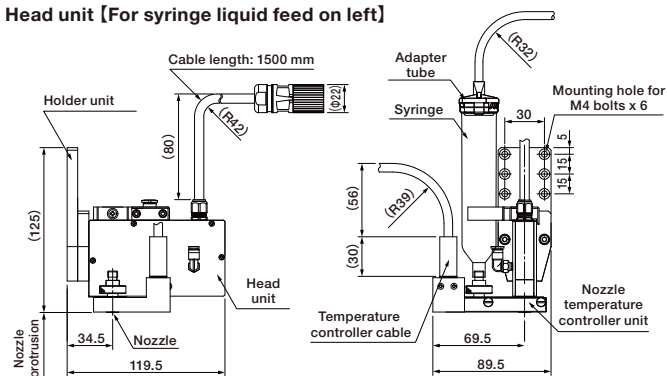
Compatible with reactive hot melt (PUR)

HOT MELT
SuperJet™

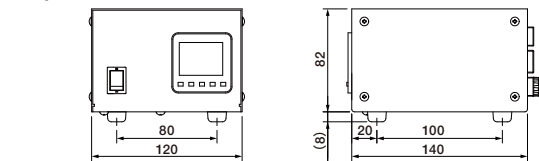


Outside drawings

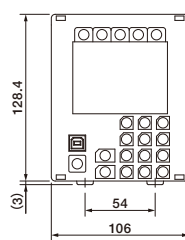
Head unit [For syringe liquid feed on left]



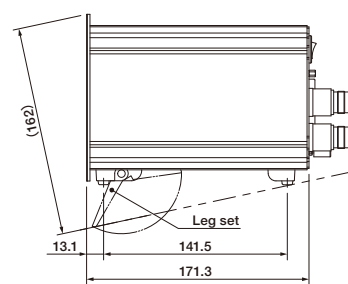
Temperature control controller



Head controller



Measurement unit (mm)



Head controller power supply unit

