Dispensing through the use of non-contact continuous point dispensing technology.

**Non-contact jet dispenser**

Drastically shortened takt time due to the capability of fluid jet. Powerful measures to remarkably improve productivity.

As it splashes fluid material with fine precision on a workpiece from a separate position, it does not need to raise or lower the nozzle. It offers high precision and stable dispensing, as well as super high speed dispensing cycle. It affords difficult dispensing that could not be realized with conventional contact type dispensers.

This is a newly developed dispenser that contributes to significant improvement of your productivity.

**Max. speed**

3,333 shot/sec*

* With optional specifications

**Dispensing through the use of non-contact continuous point dispensing technology.**

**Mid & High viscosity, Non-contact jet dispenser**

**Low viscosity, Non-contact jet dispenser**

**AeroJet®**

Jet dispenser with No. 1 accomplishments

**CyberJet®2**

Rapid jet with no bubble, no dispensing

**Underfill dispensing**

**Flux dispensing**

**Under filling agents dispensing volume, using the AeroJet**

<table>
<thead>
<tr>
<th>Dispensing volume (mg)</th>
<th>Number of doses</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.020</td>
<td>0</td>
</tr>
<tr>
<td>0.022</td>
<td>10</td>
</tr>
<tr>
<td>0.024</td>
<td>20</td>
</tr>
<tr>
<td>0.026</td>
<td>30</td>
</tr>
<tr>
<td>0.028</td>
<td>40</td>
</tr>
</tbody>
</table>

*Fluid/Under filling agent
Cycle time: 6 msec,
Average dispensing volume: 0.02mg
Dispensing precision: ±3.93%*
Super evolution! Maximum speed 333 shots/sec* achieved!!
- The production tact greatly improved.
- MUSASHI’s own jet mechanism makes super micro dots.
- Four more times durable compared with our conventional jet dispenser.
- Achieved steady and reproducible dispensing.
- Nozzle heater controller comes as the standard.
- Compliant with CE mark (option)

* With optional specifications

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Non-contact jet dispenser AEROJET</th>
<th>Non-contact jet dispenser CYBERJET2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item name</td>
<td>Non-contact jet dispenser MJET-A</td>
<td>Non-contact jet dispenser MJET-C-2</td>
</tr>
<tr>
<td>Model</td>
<td>MJET-A</td>
<td>MJET-C-2</td>
</tr>
<tr>
<td>[Head section]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dispensing method</td>
<td>Jet type</td>
<td>Electromagnetic type</td>
</tr>
<tr>
<td>Dispersable liquid materials</td>
<td>Underfill materials, Ag paste, moisture proof materials and UV resin, etc.</td>
<td>工作组填充材料，Ag粘合剂，防潮材料和UV树脂等。</td>
</tr>
<tr>
<td>Applicable range for liquid material viscosity</td>
<td>50 to 300,000mPa·s</td>
<td>0.5 MPa or less</td>
</tr>
<tr>
<td>Optional nozzles</td>
<td>Pipe type (1L, 3L, 5L): 15 to 32G</td>
<td>Pipe type (1L, 2L, 3L): 15 to 25G, 28 to 36G</td>
</tr>
<tr>
<td>Supply air pressure</td>
<td>Max. 0.5MPa (syringe) 0.45MPa or more (electromagnetic valve)</td>
<td>Flux, Moisture proof insulant fluid, UV resin, etc.</td>
</tr>
<tr>
<td>Weight (Gross weight, Net weight)</td>
<td>560g</td>
<td>5kg</td>
</tr>
</tbody>
</table>

[Controller’s section] Note: This is common to AeroJet and CyberJet2.
- Control scheme: Electro / pneumatic method
- Pressure adjusting range: 0.005 to 0.700MPa
- Control circuit of dispensing time: Digital timer circuit
- Dispensing frequency setting function: 1 to 9999 times (At the LINE mode)
- Supply pressure: Max. 0.800MPa
- Power supply and power consumption: 100 to 240VAC 50/60Hz · 62W
- Weight: 4kg

Controller section

The grease jet dispense system

70% reduction of the grease material loss
- The production tact greatly improved by the non-contact jet dispenser even when a grease material is used.
- Effective for non-contact dispensing to the complex internal mechanism.
- Directive pneumatic transferring from grease can.

Options for CyberJet2

Stirring unit, MIX MASTER®
Stirring and jet dispensing of filler-contained liquid have finally achieved
- Achievement of high-speed micro-volume dispensing without separation in liquid caused by filler sedimentation.
- Non-contact jet dispenser only enables you to dispense on curved/uneven surface from a distance.
- Less wetted section, simple cleaning.

Note: The stirring controller (02 type) is required to operate this product.

* The CyberJet2 is not included in this product.