

Musashi Engineering., Co Ltd.

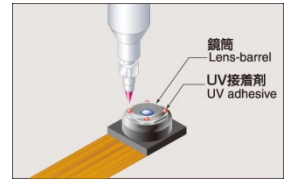
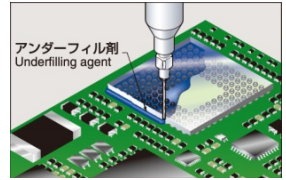
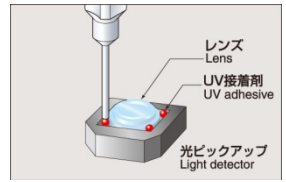
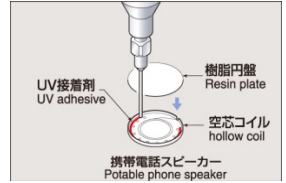
Leading Manufacturer of Dispensing Systems in Japan and Asia

SuperΣ - Precise Dispensing System

Digital Controller for Automatic/Manual Dispensing



(Model: SuperΣ CMII)



SuperΣ Main Features:

- Easy programming and operation for automatic and manual modes
- Continuous dispensing with no stop gaps even at corners
- Precise, repeatable dispensing with no dripping
- Automatically calculates correct dispensing volume and pressure
- Automatically detects usage level of leftover dispensing liquid

Improved dispensing accuracy and no waste of liquid by the Σ 3 major functions

Function 1 Automatic Liquid Drip Prevention

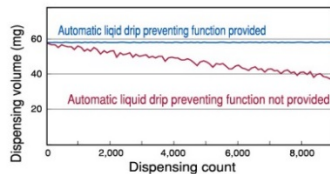
The automatic vacuum control system prevents liquid drips and aeration, resulting in stable dispensing accuracy.

Function 2 Automatic Correction of Volume Reduction

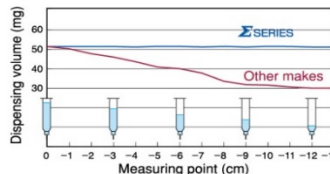
This function eliminates variations in the dispensing volume that are caused by liquid level. Precision dispensing is available and significantly improves yield.

Function 3 Automatic Level Alarm

Accurate detection of residual liquid volume in syringe

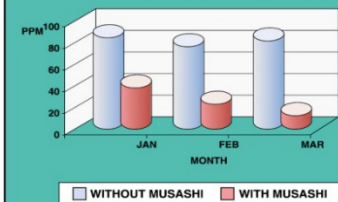


Dispensing pressure: 100.0kPa Dispensing time: 20msec
Liquid material: 30Pa.s silicone oil



Liquid material: Motor oil Dispensing pressure: 180kPa
T: 21.5°C

Fraction defective reduced by about **70% over other makers**



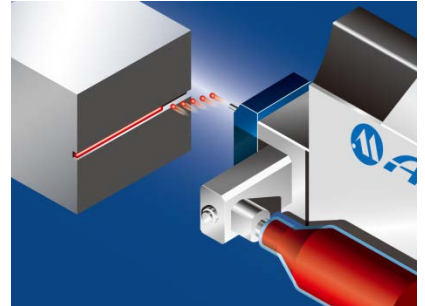
Liquid cost sharply reduced by preventing empty shots and waste of liquid material.

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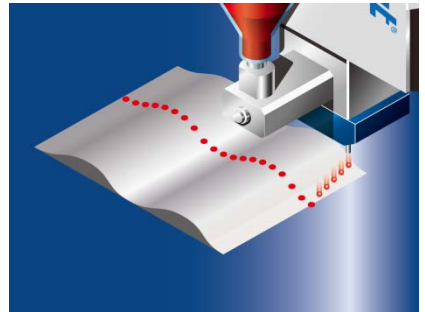
AeroJet - Non-Contact Jet Dispenser System



(Model: MJET-A)



Able to dispense from side and various angles



Able to dispense on uneven surfaces

AeroJet Main Features:

- Fast tact time due to no height adjustment required
- Maximum speed of up to 333 shots per second
- Precise jetting mechanism capable of super micro shot dispensing
- Capable of dispensing from side angles
- Able to dispense on to uneven surfaces with consistent time and quantity

