

Air Spray Coater

- Thin film formation -

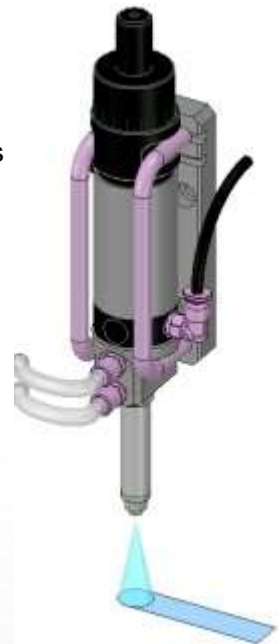
- ◇ Nano (nm) order to micron (μm) thin film formation
- ◇ Wide viscosity range of materials used



Features

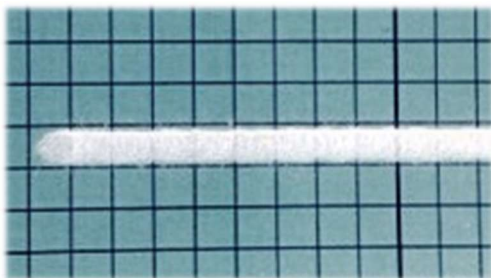
This system is capable of selective pattern and thin film application of around 2mm. Usable material viscosity range is 10-1500 cps.

- ◆ Forms fine coating patterns with line widths of around 2 mm and small dots
- ◆ Nano (nm) order thin film coating is possible
- ◆ Smooth coating of materials that tend to gel and clog easily
- ◆ Improving film quality by firmly depositing
- ◆ Suitable for film formation of low- to medium-viscosity materials
- ◆ Improves atomization performance and increases drying rate by 50%

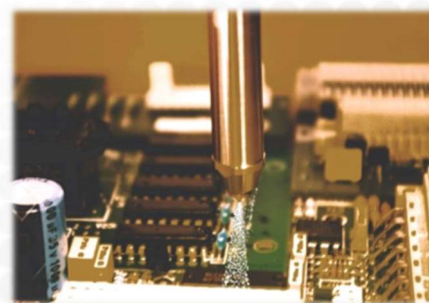
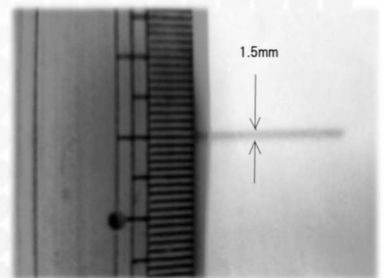
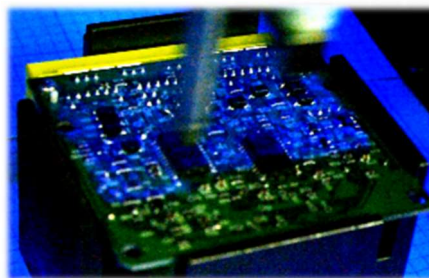


Main use

- ◆ Moisture-proof coating for mounting substrate
- ◆ Selective thin film coating of functional liquid materials
- ◆ Fine wire coating and marking of various materials, etc.
- ◆ Nano-order coating of conductive materials such as PEDOT
- ◆ Partial coating of resist material, etc.



Lacquer paint (white) 4mm width, film thickness 20 μm



AIST Start-Up

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