

# Spray & Spin Coater

SPC series



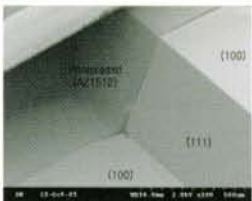
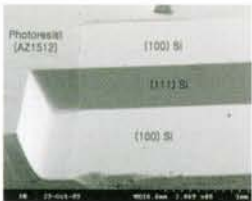
## Applications

- Uniform coating of topography such as V-grooves and trenches
- Photo resist coating
- Spin-On-Glass
- Organic materials



## Specifications

- Ultrasonic Spray Nozzle
  - drop size : 18 micron
  - viscosity : 30 cSt
  - flow rate : max 2.4 ml/sec
  - spray width of a nozzle : 6 inch
  - numbers of nozzle : substrate width (inch) / 6
- Coating Thickness (as-deposited) : 18 micron
- Conformal Coating
  - nozzle movement : variable speeds
  - nozzle tilting :  $\pm 45^\circ$
- Liquid Delivery Module
  - metering pump, pressurized vessel
- System operation : Automatic process control (PC, PLC)



Spray & Spin Coater



Technology innovation  
with advanced technology  
We creat the future

*Hightech Solution Corporation*

# ULTECH Co.,Ltd.

## E vaporator

- Organic materials coating (OLED)
- Optical coating of rotational symmetry mirrors such as polygon mirrors
- Conventional materials coating
- Spintronix research (UHV & ultra low temperature system)



## P lasma Immersion Ion Implanter (PIII)

- Ultra-shallow junction doping for sub-100nm CMOS
- Conformal doping of non-planar CMOS and other electronic devices
- Poly-silicon gate & trench sidewall doping
- Active matrix doping (LCD,PDP,AMOLED)



## V ertical or horizontal type Furnace/LPCVD

- Low stress / Stoichiometric silicon nitride LPCVD
- Poly / Doped poly silicon LPCVD
- Silicon oxide LPCVD
- Wet / Dry oxidation
- Annealing
- LTO



## S putter

- Magnetic thin films layer coating
- Opto-electronic films coating
- Industrial machinery & tools hard coating
- Conventional materials coating



## D ry etcher (ICP,RIE)

- Nano etching
- Compound etching
- Polymer etching
- Bulk silicon deep etching



*Major Product*

## R TP

- Thin Gate Oxidation(Low Pressure) (Nano device)
- Rapid Annealing(Atmospheric or Low Pressure)



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