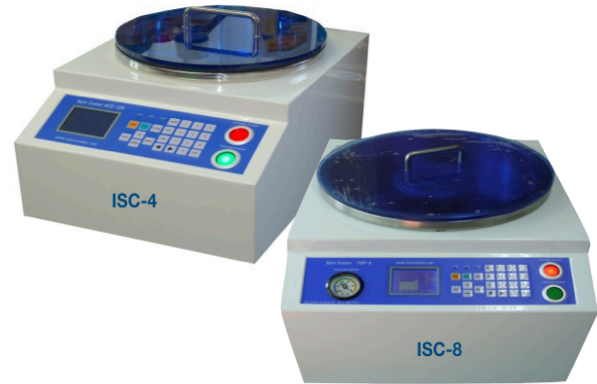


Spin Coater

Model ISC-4 and ISC-8



The most compact, versatile and precision Spin Coating System in the world

- Speed up and down freely 0 ~ 50 to 8,000 R.P.M.
- Auto digital encoding function guarantees strong power and precision.
- Compact size makes use in globe box. (Height below 260 mm).
- Up to 100 easily programmable recipes and data management.
- Real-time graphic presentation.
- Quick and Easy maintenance.
- Safety Functions.
- Options available for many applications.



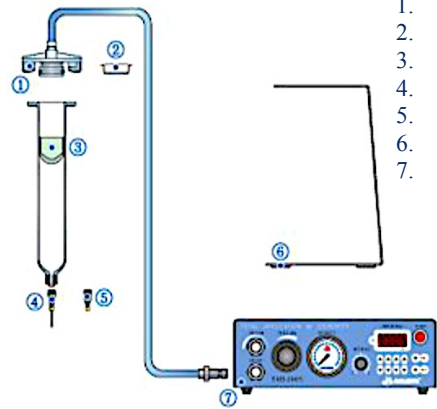
Specification

| | ISC-4 | ISC-8 |
|---------------------------------|------------------------------------|------------------------------------|
| Wafer /Substrate Size (Max) | 0.2~4 inch diameter | Up to 8 inch diameter |
| Bowl Size | 235m/m | 290m/m |
| Bowl Material | SUS or P.P | SUS or P.P |
| Special DC Motor | Up & Down free | Up & Down free |
| Step | 100 | 100 |
| Memory Storage | 100 programs | 100 programs |
| Rotation Speed | 0 to 50~ 8,000 rpm | 0 to 50~ 5,000 rpm |
| Hold Time | 1~999sec | 1~999sec |
| Accuracy | ±1 R.P.M | ±1 R.P.M |
| Acceleration/ Deceleration Free | 3,000 R.P.M/ sec | 1,000 R.P.M/ 3sec |
| Graphic Function | Real time Graphic representation | Real time Graphic representation |
| Power Input | AC 220V/110V, 50/60 Hz | AC 220V/110V, 50/60 Hz |
| Vacuum Input | -450~ -650mmHg (6mm ID/ 8mm OD) | -450~ -650mmHg (6mm ID/ 8mm OD) |
| Display | LCD (back Light) | LCD (back Light) |
| System Controller | MCU (Digital Microprocessor) | MCU (Digital Microprocessor) |
| Dimension (W x D x H) (mm) | (320x 420 x 240 mm) | (440 x 540 x 260 mm) |

Optional Accessories

A. Model TAD-101 Dispenser

Type: Air Syringe & Cartridge
 Voltage: AC110/220V 50/60Hz 1.A
 Pressure: 4-6 kg/ Cm²
 Solenoid Valve: 2 way/ 3 Port/ DC24V
 Response Speed: 20 msec
 Timer Range: 0.01 – 99.99 secs
 Size: 232 x 186 x 81 mm



1. Barrel Adapter
2. Top Cap
3. Barrel Piston
4. Needle
5. Tip Cap
6. Stand
7. Controller

B. Vacuum Chucks (Aluminum, PP or Teflon)



Spin Coater Type CS chuck: Silicon Glass, Germanium Wafer

Spin Coater Type L Chuck: Thick Asymmetric Board

Spin Coater Type H Chuck: Glass, Quartz, Ceramic, Metal Plate

Spin Coater Type R Chuck: Square Plate, Tailored to Customer Spec.

NOTE: Custom Chucks are Available

C. Model Rocker-300 Oil less Vacuum Pump



Type: Piston, 1/8 HP, 22L/min
 Voltage: AC110/220V 50/60Hz
 Weight: 4kg
 Size: 200 x 155 x 120 mm
 Vacuum Control & Vacuum Gauge

Control & Interface with ISC-4 & ISC-8 spin Coater.

NOTE: Included in ISC-4 & ISC-8 Spin Coater