



Chemmat Technology Inc.

Spin Coater SpinMaster 51

The First Time Experience to Make Thin Films and Coatings

Features

- PC-controlled and Windows-based operation interface
- Easily connected to a printer or other exterior devices via USB port
- 4.3" touch screen display, full-color alphanumeric-capable graphical user interface(GUI)
- Visualized real time speed graphic display
- Teflon-coated coating bowl (optional polyethylene coating bowl)
- Rigid mechanical design protects the coating solutions from contact of drive system
- Leading resolution and repeatability standard of this industry
- Free technical support for the life of product via phone, e-mail, and fax

Descriptions

The SpinMaster 51 is a programmable spin coater with built-in computer control. It enables the R&D and universities' laboratories to effectively and accurately develop and refine the coating applications.

Accurate and stable speed control is obtained through the adoption of proven precision motion system and the rigid mechanical

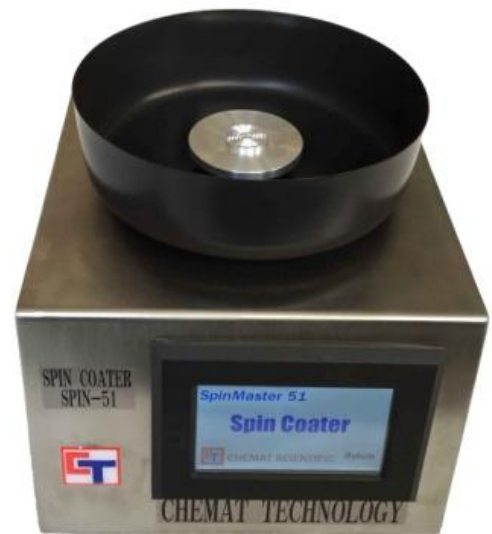
design. It delivers quite easy-to-use operation through a 4.3 inch touch screen.

It can perform step by step programming for precise deposition of metal oxide, polymer and organic thin films and coatings.

The resolution and repeatability is the leading standard of this industry.

Technical Parameters

- Size: 26cm*22cm*26cm
- Machine Weight: 7.5Kg
- Power: 110/220 VAC, 50/60 Hz, 1 Amp
- Vacuum: more than 2.1 CFM
- 9 process recipe programs on board
- Each program has 8 steps
- Spin speed: 500 to 8,000 RPM
- Spin resolution: $<\pm 1\%$
- Spin repeatability : $<\pm 1\%$
- 1s resolution for step time(Max. step time 99s)
- Substrate sizes: 5 mm to 150 mm round
- 7.5 inch Teflon-coated coating bowl



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