

Spin Coating



Instrumentation Details

Make : APEX

Model : SpinNXG-P1

SpinNXG-P1 can perform step by step programmability for precise deposition of metal oxide, polymer and metal organic thin films. It is used to coat uniform layers of thin film on silicon slides, ceramics or glass substrates. This is specially designed unit is free from wobbling of rotor head to keep the morphology of the film intact.

Application:

Applicable for Basic and Applied Material Research, Non Destructive quality control of Surfaces Thin Films and Casting, Thin Film on Semiconductors, Metal and Glass, Casting of Organic Thin Films, Optical Coatings, Magnetic Films.

Specification :

- Type: Precision controlling through micro controller.
- Speed range: 100 RPM to 10000 RPM. (Programmable)
- Accuracy: $< \pm 1\%$ error across the full range
- Working Chamber: PTFE coated
- Power Supply: 230 V/AC, 50 Hz
- Dimension: 15"x10"x11"
- Weight: 30 kg.
- Vacuum Suction: Integrated Vacuum release switch
- No. of Protocols: 2 (10 Steps / Protocol)
- Protocol Setting: Keypad



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- Protocol Saving option: Yes
- Display: Protocol Status on LCD Console
- Acceleration: up to 2000rpm/sec (Programmable)

Contact us:

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