

MAIN FEATURES

- PORTABLE STAND ALONE TABLE TOP MODEL, IDEAL FOR LABORATORY AND R&D USE
- AVAILABLE IN RANGE OF 200 – 12000 RPM
- STAINLESS STEEL BOWL (TEFLON COATED*) WITH DRAIN CONNECTIONS
- SWITCH FOR EASY WAFER HANDLING
- DIRECT VACUUM LEVEL INDICATION AT CHUCK
- CUSTOM DESIGNED BRUSHLESS DC SERVO MOTOR WITH CLOSED LOOP DIGITAL SPEED CONTROL
- DIGITAL SPEED INDICATION (LCD DISPLAY)
- 0-999 SECONDS CONTINUOUSLY ADJUSTABLE TIMER
- SMALL FOOTPRINT REQUIRES MINIMAL SPACE
- ALL SAFETY INTERLOCKS FOR VACUUM BREAKDOWN, DOOR OPEN AND ZERO SPEED
- A WIDE RANGE OF ACCESSORIES LIKE VACUUM INTERLOCK, ZERO SPEED SWITCH, FOOT SWITCH OPERATION ETC.

* OPTIONAL





SPIN COATING UNIT 1000RS from MILMAN is state of the art spin coater specially designed to coat thin films of photoresists, sol-gels, paints, polyimides, anti-reflectives and other liquids on substrate sizes upto 4" x 4". The basic Spin Coating model consists of a minimum configuration to which special accessories can be ordered according to the end user application.

1. **Bowl And Cover:**

Spinner is provided with SS Teflon coated Bowl.

2. **Vacuum Chuck:**

A standard vacuum chuck to handle substrates upto 2" x 2" is provided with the spinner. Chucks are made either in SS or Hard anodized Aluminium. Special purpose chucks can be ordered per substrate type and size.

3. **Integrated Vacuum Release Switch:**

A specially designed vacuum release switch with a simple toggle type lock can be used to connect vacuum to chuck and release the substrates in two positions respectively. A foot operated chuck release solenoid switch can also be provided optionally.

4. **Digital RPM Indicator:**

A digital rpm indicator with a large LED display indicates the speed of the chuck in 100's of RPM.

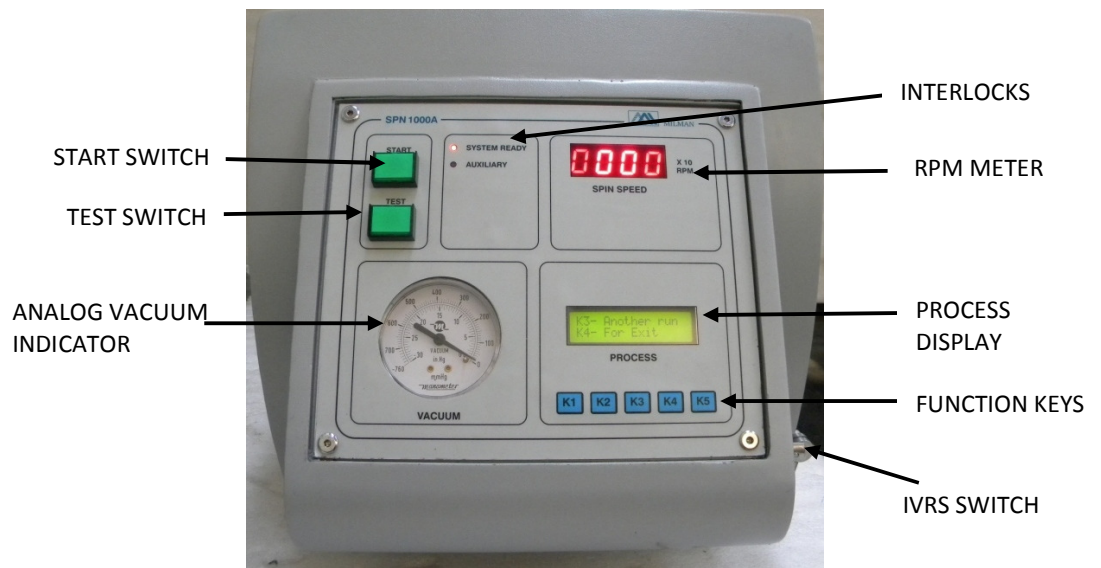
5. **Speed Set:**

The spinner is provided with the completely solid state continuous variable speed controllers. The speed can be set by a 10 turn potentiometer provided on the front panel to vary the speed from 100-6000RPM

6. **Interlocks:**

Various safety interlocks have been provided for operator safety. However, these have to be ordered separately depending on the volume of use of the spinner.





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