

## Technical Specification for Programmable Spin Coater

1	Rotational Speed	0 to 9,999 RPM in 1 RPM increment
2	Rotational Speed Tolerance	$\pm 1$ to 3 RPM full scale
3	Acceleration/Deceleration Time	0.1 to 25.5 seconds in 0.1 seconds increments
4	Acceleration Tolerance	$\pm 0.05$ seconds
5	Dwell Time	0 to 999 seconds in 1 second increments
6	Dwell Time Tolerance	$\pm 0.05$ seconds
7	Acceleration/Deceleration Linearity	$\pm 0.1$ percent
8	Program Storage	Up to 30 programs with 20 steps each
9	Bowl Size	8 inch
10	Power Input	240 V AC, 50/60 Hz
11	Vacuum Input	17 in Hg Outer Dia Fitting: 0.25 in
12	Purge Input	0.55 CFM at 5 psi Dry Air or Nitrogen
13	Dimension (W x D x H)	13.25 x 18.19 x 11.61 in
14	Display	LCD Display
15	Keypad	Easy to use button keypad
16	Dispensing Slot	There should be a dispensing slot
17	Chuck	Chuck should be flat surface cross and scroll type
18	Chuck Sizes	1/8", 5/16", 15/16"

### Optional Accessories

19	Oil Less Vacuum Pump	
20	Vacuum Pump Sound Level	Less than 70 dB
21	Vacuum Pump - Normal Ambient	10 °C to 400 °C
22	Vacuum Pump – Relative Humidity	8% to 100% Non Condensing
23	Environment	Clean Room Dust Free
24	Manual Dispense	Manual Dispense Kit should be available
25	PC interface software	Software should be available to program in the PC
26	Software should be capable of	External Programming Profile storage Diagnostics Vacuum on/off Slow speed centering Programmable home position