

# Automatic Spin Coating System

## [Model No.: EZspinA1]

### Technical Specification:

- ⇒ Programmable Speed Range: 50-12,000 R.P.M.  
[based on a Glass Substrate of Dimension 38 mm (L) X 25 mm (W) & Thickness 1 mm (H)]
- ⇒ Programmable Acceleration: 40-6,000 R.P.M./sec.  
[based on a Glass Substrate of Dimension 38 mm (L) X 25 mm (W) & Thickness 1 mm (H)]
- ⇒ <±1% Error across the Full Speed Range
- ⇒ Programmable Controlling Duration: 1-9,999 sec./step
- ⇒ 30 Preset Editable Programs
- ⇒ 50 Editable Steps/Program
- ⇒ Micro-controller Controlled
- ⇒ PC Connectivity through USB 2.0 [for PC Mode]
- ⇒ Warm-up Option
- ⇒ Calibration Option
- ⇒ Spill-drainage Facility
- ⇒ High-speed DC Motor
- ⇒ Non-volatile Program Memory
- ⇒ User-friendly Firmware Interface
- ⇒ N<sub>2</sub> & other Inert Gas Purging Port
- ⇒ Input & Controlling through Key-pad
- ⇒ PTFE coated Working Chamber of 8" Diameter
- ⇒ Integrated Power On/Off Switch with Indicator
- ⇒ Integrated Lid Protection Switch with On/Off Indicator
- ⇒ Integrated Mechanical Lid Inter-lock with Lid-open Sensor
- ⇒ Integrated Vacuum Release Switch with On/Off Indicator
- ⇒ Transparent Photo-resist Safety Lid over the Working Chamber
- ⇒ In-situ Sample Dispensing Port on the Transparent Photo-resist Safety Lid
- ⇒ Real-time Display of R.P.M., Timing & Program Status on Graphical LCD Console
- ⇒ Real-time Display of R.P.M. during Warm-up & Calibration on Graphical LCD Console
- ⇒ Real-time Display of R.P.M. vs. Timing Graph during Program Run-time on Graphical LCD Console
- ⇒ Dimension: 291 mm (L) X 448 mm (W) X 243 mm (H)
- ⇒ Power Input: Universal

