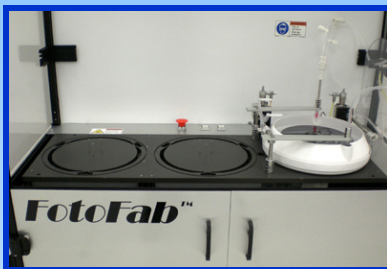




FotoFab™ ... "Just What You Need"

Value Engineered Process Systems



Small Footprint
Manual Load / Unload
Optional Automatic Handling
PC Based (Windows)
Color LCD Touchscreen
Extensive Process Storage Capabilities
Brushless DC Servo Spin Motor
Ultra High Reliability

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A Complete Photolithographic Process Capability in a Simple, Easily Maintained, Cost Effective Package

The FotoFab process system is a full solution to the problem of precision spin coating in both Research and Development applications and Production Applications. The system is available as a manual load system (shown), or a mechanized system in which the operator loads a holder which then carries the wafer through the process steps, or alternatively, a fully automated cassette-to-cassette system in which a robot loads the wafer holder.

The system couples high reliability with low cost by employing an integrated system concept at the most fundamental level. A single mounting plate is the base for the spinner module and thermal modules. Reliable and rugged pneumatic actuators are used to move the dispense arms, centering device and process chamber cover.

The cost of ownership is further reduced by the use of a disposable spin cup, eliminating the need for costly cleanups of the spin cup while providing both production and R&D applications with a clean process ambient at very low cost. Cross contamination and the need for costly disposal of cleaning fluids is also eliminated by this feature.

- Wafer Size to 200 mm dia.
- Spin, Hot Plate and Cold Plate all included
- PC Programmability and Recipe Storage
Gigabytes of Memory for Recipe Storage
Up to 999 Steps per Recipe
- Integrated Wafer Centering Device
- Deployable Process Chamber Cover
- Two Programmable Movable Dispenses
Coater: Photoresist and EBR
Developer: Develop and Rinse
- Side Dispense available
- Built in Bubble-free Dispense, up to Three Fluids available
- 35 CC to 950 CC Dispense Reservoirs
- Adjustable Dispense Height
- Brushless DC Drive Spin Motor
Spin Speed Programmable to 6000 RPM +/- 2 RPM
Acceleration Programmable to 6000 RPM per second
- Disposable Spin Cup with built-in Exhaust Separator
- Built-in Vacuum Source
- Built-in Programmable Exhaust Boost
- Programmable Hot and Cold Plate Temperatures
- Programmable Bake time