



Tool Make & Model

EVGroup - EVG101

Tool Configuration / Specifications

EVG 101 ADVANCED SPIN COATING SYSTEM consisting of:

- Model: EVG 101
- Semi-Automatic, with Manual loading
- Suitable for wafer sizes 3" - 8" wafers (with proper chuck)
- Currently configured for 4" & 6" wafers
- One Coat Module
- Base frame for one resist processing module including all electronics, pneumatics, tubing for solvents, drain or dump container, and exhaust lines
- Manual loading and mechanical pre-aligner (pneumatically actuated)
- PC controlled with windows based graphical user interface
- Password protected access levels
- Coat chamber PTFE for spin coating
- Programmable rotational speed for substrate
- Programmable arm for resist dispense and topside EBR
- One Cybor pump
- Syringe dispense option included
- External Chemical cabinet with two solvents
- Previously used chemistry: 1813, 1827, acetone and IPA.
- Operations Manual and Documentation included
- Excellent Condition Guaranteed

EVG 101 REFURBISHMENT PROCESS consisting of:

Receiving and Preparation Process:

- Initial cleaning, decontamination and preparation for reconditioning process.
- Initial functional and cosmetic inspection.
- Disassembly of all chamber(s)/tank(s) and key components, initial testing to sort and select acceptable parts/assemblies.
- Components and assemblies sent to repair areas for servicing.

Reconditioning Process:

- System is thoroughly cleaned inside and out
- Chamber receives full clean, tubing cleaned and replaced as necessary
- Decontamination of any acids or solvents remaining from previous process
- Full electrical systems test, components replaced with new or rebuilt parts, as necessary
- Each chamber, station and/or module serviced and tested individually, reassembled into deck and re-tested thoroughly
- Seals and gaskets replaced as necessary
- Pumps refurbished and calibrated
- Spin Motor tested and refurbished or replaced as needed
- System is fully tested

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