



Strasbaugh 6EC CMP System

Strasbaugh 6EC CMP System is an economical tool for CMP research, failure analysis, and low-volume production. Its semi-automatic operations are programmable through a color, touch-screen GUI for repeatable and accurate process control. Featuring advanced technologies, the 6EC's ViPRR Carrier and Hydro-Lift Load Station minimize contamination and deliver superior, center-to-edge uniformity. The 6EC uses the same process control methods, wafer carrier, load station, and pad conditioner as Strasbaugh's fully-automated 6DS-SP CMP system, easing the transition from development to production. The Model 6EC is the affordable solution, providing the benefits of state-of-the-art CMP at a low cost.



Standard Features Include:

- Closed-loop table and spindle RPM motors help ensure consistent process results.
- Programmable pad conditioning increases the lifetime of the pad and improves WIWNU.
- Minimal maintenance lowers the cost of ownership.
- Small footprint offers convenience for small labs.
- Pad conditioning system provides in-situ and/or ex-situ programmable selective pad conditioning for consistent removal rates and minimum non-uniformity. 20 zones of programmable control: dwell time, down force and RPM can be programmed for each zone. Pad conditioning can be done with a diamond plated disk or nylon brush.

Options:

- ViPRR carriers reduce edge exclusion, control center-to-edge uniformity, and improve overall performance and reliability.

About Axis Technology

Axis Technology is the industry expert in providing material processing and CMP foundry and wafer grinding services, process tools, and custom configured upgrades that are designed to meet your process and production requirements. We deliver leading-edge CMP, wafer thinning and wafer polishing solutions for semiconductor, MEMS and substrate applications.

Axis Technology sets the standard for creating enabling technologies for field proven production and legacy process equipment.

Customer support services include tool upgrades, spare parts, and field service support for a range of CMP and wafer grinding tools, including installed legacy tools.

Performance Guarantee

Axis Technology is committed to customer satisfaction. While we aggressively pursue the cost and performance goals of our clients, we never compromise on quality or technical performance.

Contact Axis Technology or your local Axis Technology Sales Representative to discuss how Axis can help you get the most from your equipment investment.

Facilities

- DI Water: 30psi minimum, 1.5 GPM flow rate
- Vacuum: 25" HG
- Air: 100psi, 5 SCFM
- Electrical: 208 or 230 VAC 3 phase, 60 Hz, 20 AMPS w/conditioner 30 AMPS
- Exhaust: Approx 100 CFM