OVERVIEW

As a leading supplier of wafer fabrication equipment and services to the global semiconductor industry, Lam Research develops innovative solutions that help our customers build smaller, faster, and more power-efficient electronic devices—the kind that are driving the proliferation of technology into our everyday lives.

To produce the tiny, complex chips used in products such as cell phones, computing devices, and entertainment gadgets, semiconductor manufacturers require highly sophisticated processes and equipment. Lam’s products play a key role in this, allowing chipmakers to build device features that are more than 1,000 times smaller than a grain of sand. In fact, nearly every leading-edge integrated circuit made today has been processed with Lam’s equipment.

Lam Research offers a broad portfolio of market-leading thin film deposition, plasma etch, photoresist strip, and wafer cleaning solutions for front-end wafer processing and advanced packaging applications. Comprehensive customer support offerings deliver value throughout the equipment lifecycle, from system installation, production ramp, and new technology upgrades through end-of-life asset management. Through collaboration, continuous innovation, and delivering on commitments, Lam is transforming atomic-scale engineering and enabling its customers to shape the future of technology.

PRODUCT OFFERINGS

Deposition
- Dielectric & hardmask films: VECTOR® PECVD/ALD family, SPEED® gapfill HDP-CVD family
- Metal films: SABRE® ECD family, ALTUS® tungsten ALD/CVD family
- Film treatment: SOLA® UV thermal processing family

Etch
- Conductor etch: 2300® Kiyo® family, 2300® Versys® Metal family
- Dielectric etch: 2300® Flex™ family
- Through-silicon via etch: 2300® Syndion® family
- MEMS & deep silicon etch: TCP® 9400DSIE™ family

Strip
- Standalone strip: GxT®, G400®, G3D®
- Integrated strip: Strip45™, Microwave Stripper

Clean
- Spin wet clean: DV-Prime®, Da Vinci®, SP Series
- Plasma bevel clean: 2300® Coronus® family

Support
- Service, spares, upgrades, technical training
- Reliant™ Systems – refurbished and newly built legacy products