



6421 North Nirvana Place, Tucson, AZ 85750 USA
Email: araca@aracainc.com
www.aracainc.com

Brand-new Class 100 cleanroom for CMP (Chemical Mechanical Planarization), post-CMP cleaning and associated metrology in Tucson (AZ). Class 10,000 cleanroom for add-on equipment assembly in Tucson (AZ).

Brand-new Class 10,000 cleanroom with Copy EXACTLY! toolsets in our brand-new Technology Center in Chicago (IL).

Access to vast array of state-of-the-art materials characterization tools (AFM, SEM, TEM, XPS, XRF, Lasertec, Candela, Lumina, confocal microscope, white light interferometer, and AES) at the University of Arizona (Tucson), Lewis University (Chicago) and Toho Koki (Japan) to support clients worldwide.

Please see: <https://aracainc.com/company/facilities-and-toolsets/>

Extremely well positioned across three business units:

Services – Scientific testing, screening, and co-development of all CMP and post-CMP cleaning consumables. Co-development of associated processes. SiC and GaN polishing. Wafer thinning and back-side grinding. Low-volume foundry services. Delayering of DRAM and 3D NAND chips for failure analysis. Pad grooving and surface preparation. Comprehensive two-day course on CMP fundamentals.

Equipment – Slurry Injection Systems (SIS®), Effluent Slurry Extractor (ESE®), Flucto-CMP®, and CARE-TEC®. Advanced 200-mm and 300-mm polishers and PVA brush scrubbers. Advanced pad grooving and surfacing equipment.

Licensing – IP generation and monetization re: add-on equipment, silicon carbide slurries, Flucto-CMP®, SIS®, sono-activated additives for metal slurries and post-CMP cleaning solutions.

Please see: <https://aracainc.com/licensing/>

Highly-respected by IC makers, tool makers and materials suppliers: 10 major IC makers, 9 US government labs, defense contractors and universities, 10 CMP and related tool makers, and 26 CMP consumables suppliers.

