

SURFACE PREPARATION SOLUTIONS

AKrion
systems

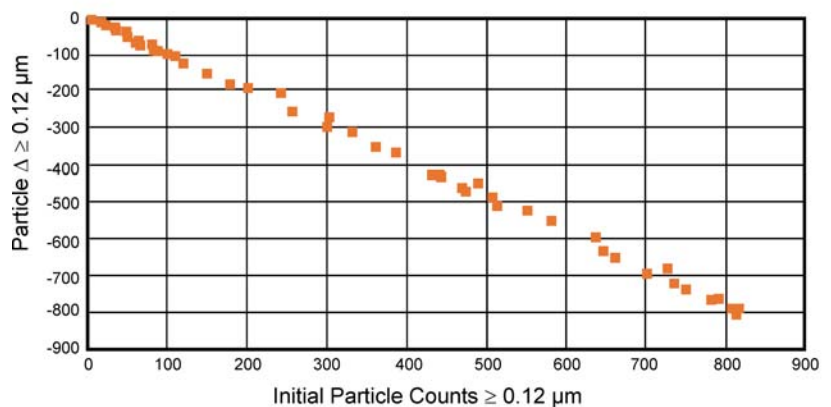
200mm & 300mm Acid Resist Strip

AKRION SYSTEMS PHOTORESIST STRIP ADVANTAGES

- Wafer Size: 150, 200 and/or 300mm
- Small Footprint
- Low Particles/Defects
- Ozone Enhanced Strip
- SPC Host Interface/Trending
- Proven performance in fabs worldwide
- High Reliability (> 1500 hours MTBF)
- Combination nitride etch & resist strip available
- Lowest Annual Consumable Parts Costs

THROUGHPUT \geq 270 WPH

Process: SPM (H_2SO_4 , 130C) / QDR (45C) / SC1, 800 W Meg
(0.5:1:5 @ 50C) / QDR / Dry, 200mm wafers



THE AKRION SYSTEMS DIFFERENCE:

- Worldwide process support
- 24 x 7 technical support
- Experienced service staff
- Reliability > 1500 hours MTBF

Batch-Immersion Cleaning

applications solutions developed for you

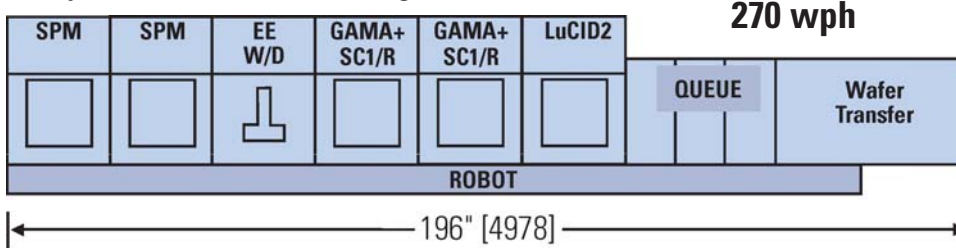
Akrion Systems' recipe for photoresist stripping uses an ozone process to raise performance levels and lower costs.

Bath life is extended 3X and particles are minimized-- all in a minimal footprint that beats traditional spray tool applications for cost of ownership.

Resist strip with a difference

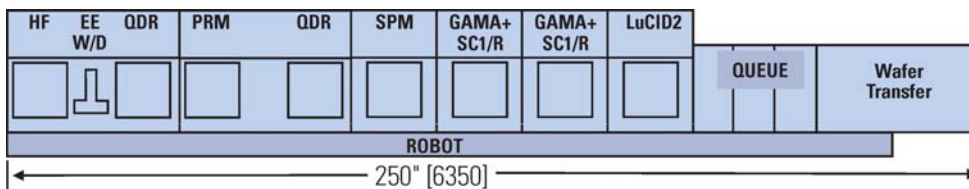
INNOVATIVE TECHNOLOGY SOLUTION IMPROVES YOUR PROCESSES

Sample 200/300mm GAMA Configuration



COMBINATION GAMA SAVES FOOTPRINT & MONEY

Sample Combination Nitride Etch & Resist Strip GAMA Configuration

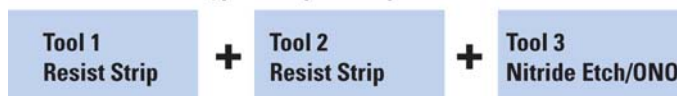


- Combination station saves footprint and lowers COO

- Bidirectional software/robot allows multiple processes/recipes

- Other configurations available

Typical Capital Requirements:



AKRION Combination Solution:



applications solutions developed for you

Akrion Systems is the technology leader in process development, design and construction of advanced single-wafer and batch immersion surface preparation equipment to the solar, semiconductor and other related industries.

With a primary focus on customer satisfaction, Akrion Systems is committed to an organization-wide continuous improvement program — a program established to carry-out the improvement of key process steps and customer driven product enhancements. The company offers advanced automated solutions for cleaning a range of semiconductor-related devices, including ICs, MEMS, and photomasks.

Akrion Systems offers reduced cost of ownership by providing small footprints, high uptime and throughput, efficient chemical management and environmentally benign technologies.



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Specifications may change without notice.