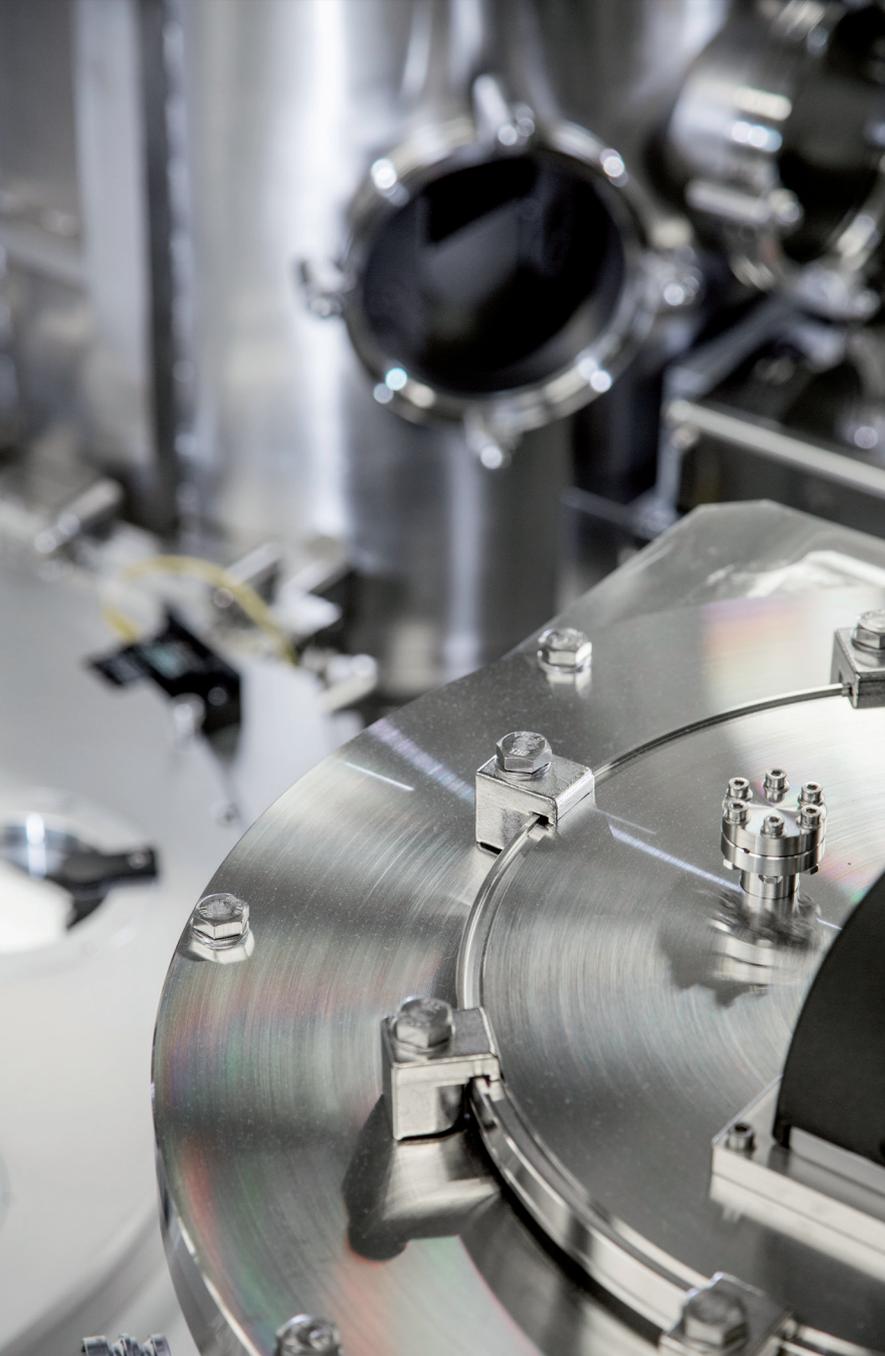


# Picosun offers **AGILE ALD<sup>®</sup>** solutions

for companies driven by innovation



## Our mission

Picosun is a leading ALD (Atomic Layer Deposition) thin film coating technology provider for microelectronics and other industries.

PICOSUN<sup>®</sup> product portfolio ranges from fully automated, SEMI compatible 300 mm industrial ALD systems to smaller scale research and pre-pilot tools, with special dedication in cost-efficient, turn-key production solutions for up to 200 mm wafer markets.

Picosun offers you the best-in-class thin film technology for conventional IC, compound and power semiconductors, LEDs, MEMS, sensors, and 3D components such as medical devices, PCBAs, machinery parts, coins, watches and jewelry, with the leading process quality, agile and innovative equipment design, and the most comprehensive after-sales support and services.

**Picosun creates solutions  
for your most demanding  
applications.**

Fast • Efficient • Reliable • Adaptable

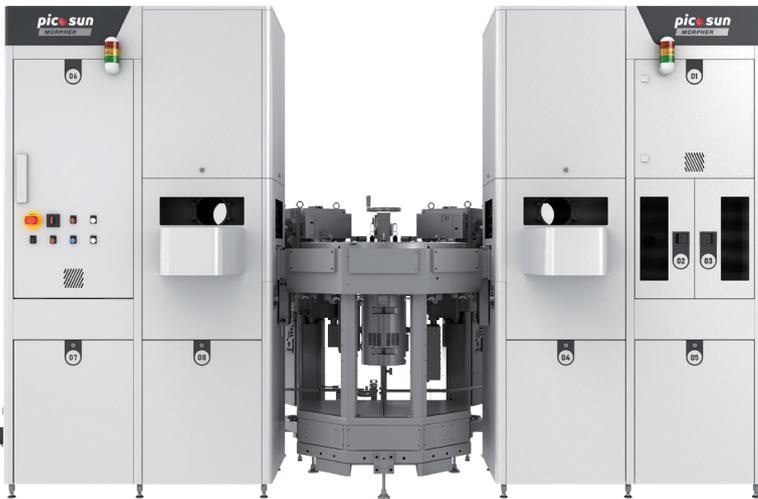
[www.picosun.com](http://www.picosun.com)

## PICOSUN® ALD system examples:

**picosun**  
AGILE ALD



PICOSUN® P-1000 (standalone configuration)



PICOSUN® Morpher (cluster configuration)



PICOSUN® P-200/300S (cluster configuration)

Multiple patents granted and pending, included but not limited to US8211235, US8741062, US8753716, WO2014080067.

PICOSUN® AGILE ALD® - Version 11\_2019

- Turn-key solutions with low cost of ownership
- Excellent world-wide service and support with highest customer satisfaction
- Fully automated multi-chamber batch and single wafer clusters
- Wafer size up to 300 mm
- Special emphasis on cost-efficient, turn-key production equipment for up to 200 mm wafer markets
- Aspect ratios up to 2500:1 and beyond
- Batch cycle times down to seconds
- SEMI S2 certified safety and quality
- Wide variety of ALD solutions for coating of 3D objects (non-IC)
- Extensive selection of substrate handling systems
- Leading variety of options (UHV, analysis, R2R, powders, chamber sizes, plasma)
- Automated systems for heavy industries
- Highest process quality, particles and metal impurities up to 450 mm standard
- Comprehensive process and application support
- ALD-specific knowhow since 1974

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