

Technology
Differentiation

Product
Platformization

Customer
Globalization

ACM Research, Inc.

May 2026 Investor Presentation

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FAMILY

ACM
RESEARCH

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Company References. As used in this presentation, “ACM Shanghai” refers to ACM Research (Shanghai), Inc., and “ACM Research” refers to ACM Research, Inc. and its subsidiaries, including ACM Shanghai and ACM Research Korea CO., LTD. “ACM Korea” refers to all operating subsidiaries within Korea, specifically ACM Research Korea CO., LTD and Hanguk ACM CO., IT’D.

- **Multi-product supplier of semiconductor equipment** to leading global semiconductor manufacturers
- **Differentiated technology** improves customer production processes with better yields and reduced chemical consumption
- **More than 594 patents** issued in the U.S., mainland China, Japan, Singapore, South Korea and Taiwan as of 12/31/25
- **State-of-the-art production facilities** in Shanghai , Korea. Oregon demo lab and production center under construction
- **Headquartered in Fremont, CA** with more than 2,513 employees globally as of 12/31/25

Cleaning

Flagship (SAPS, TEBO, Tahoe, Bevel Etch, SPM)

Semi-critical



ECP, Furnace & Other

Ultra ECP ap

Ultra ECP map

Ultra ECP ap-p

Ultra Fn Furnace



NEW Products: Track and PECVD

Track

PECVD

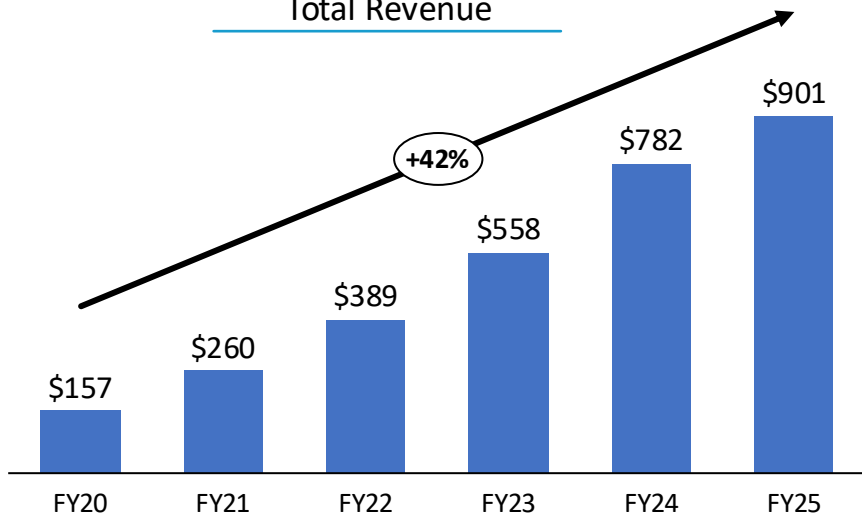


Advanced Packaging & Other

Scrubbers, coaters, developer tools, plating tools, tape frame cleaning, wet stripping, wet etching, panel level flux clean, and stress-free polishing systems, and other parts and services

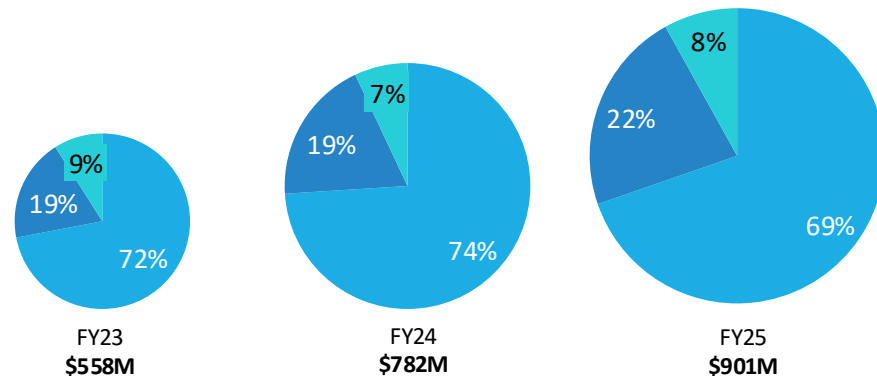


Total Revenue



Product Mix

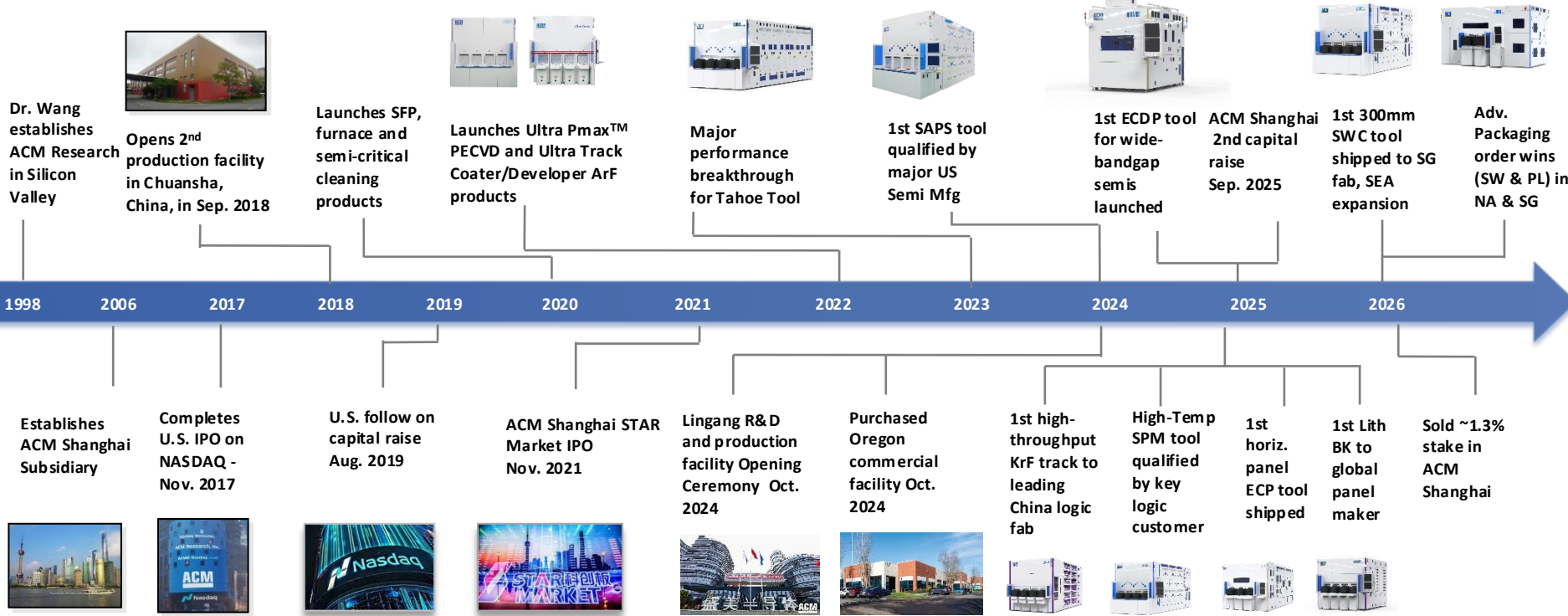
- Cleaning
- ECP, Furnace & Other
- Advanced Packaging & Other



1. Cleaning: Single wafer cleaning, Tahoe and semi-critical cleaning equipment
2. ECP, Furnace & Other: ECP (front-end and packaging), furnace and other technologies
3. Advanced Packaging & Other: Advanced Packaging (excluding ECP), services & spares

ACM Research achieved 42% revenue CAGR over past 5 years and has diversified its product mix into new product categories

History of Innovation and Customer Design Wins

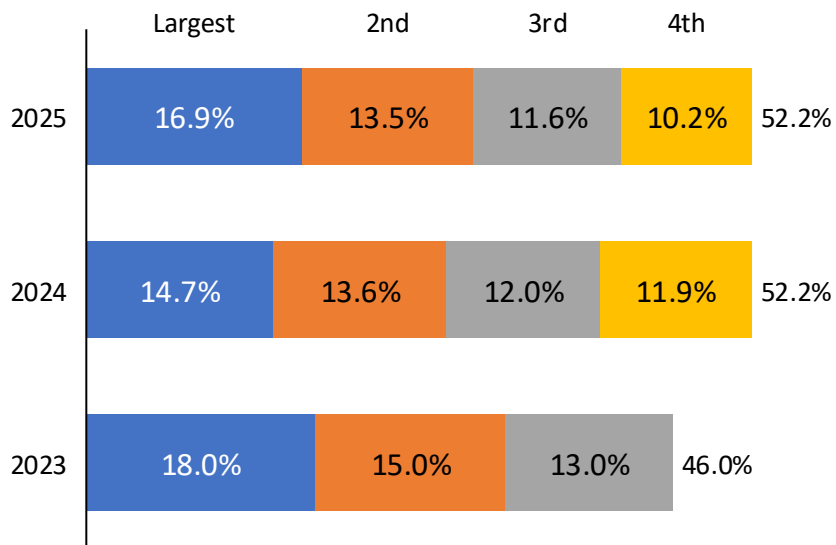


Global Semiconductor Capital Equipment Supplier



Customer Concentration ($\geq 10\%$) and Revenue Mix by Customer Type **ACM** RESEARCH

10% Customer Mix – Annual Ranking



Note: Customers contributing $\geq 10\%$ are ranked annually by revenue contribution. The composition of such customers may vary across periods.

Revenue Mix by Customer Type

Customer Type	<u>2025</u>	<u>2024</u>	<u>2023</u>
Memory	27.3%	21.8%	24.1%
Foundry/Logic/Other	58.9%	71.1%	63.2%
Packaging & Wafer Processing	13.9%	7.1%	12.7%

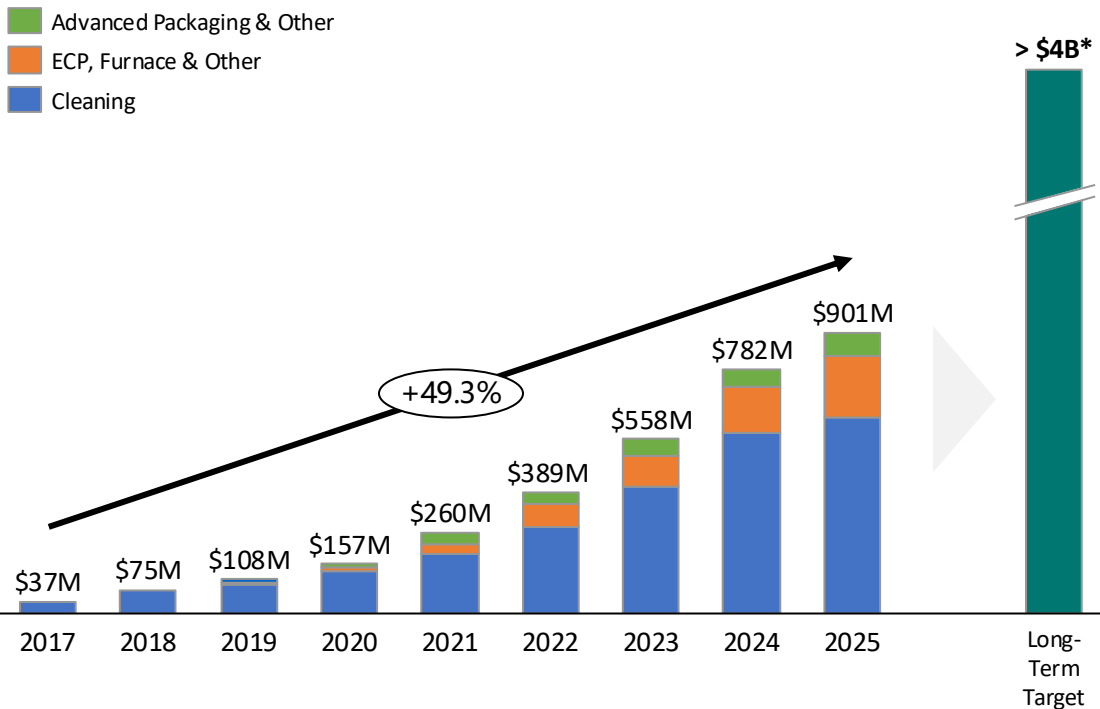
Expanding Serviceable Available Market (“SAM”)¹

Estimated 2025 SAM of \$21 billion addressed by ACM Research’s current product portfolio



¹Source: Gartner - “Forecast: Semiconductor Wafer Fab Equipment, Worldwide, 4Q25 Update” (December 2025) and Company Estimates

Long-Term Target for \$4B+ in Revenue



- Cleaning:** Single wafer cleaning, Tahoe and semi-critical cleaning equipment
- ECP & Furnace & Other:** ECP (front-end and packaging), furnace and other technologies
- Advanced Packaging & Other:** Advanced Packaging (excluding ECP), services & spares

* ACM Research internal target, for internal planning purposes only, not a projection or estimate of actual or future revenue

Long-Term Target Composition				
	ACM Research			
Mainland China	ACM Research SAM ¹	China SAM ²	Share ³	Revenue
Cleaning	\$7.3B	\$2.4B	60%	\$1.43B
ECP	\$1.5	\$0.5	60%	\$293M
Furnace	\$2.6	\$0.8	15%	\$127
PECVD	\$5.3	\$1.7	15%	\$258
Track	\$3.0	\$1.0	10%	\$99
Adv Pkg (ex ECP)	\$1.2	\$0.4	n/m	\$100
Service & Spares	n/a	n/a	n/m	\$125
	\$21B	\$7B	-	\$2.4B
RoW	ACM Research SAM	Non-China SAM ¹	Share ³	Revenue
Cleaning	\$7.3B	\$4.9B	15%	\$738M
ECP	\$1.5	\$1.0	15%	\$153
Furnace	\$2.6	\$1.8	10%	\$175
PECVD	\$5.3	\$3.6	8%	\$282
Track	\$3.0	\$2.0	8%	\$164
Adv Pkg (Ex ECP)	\$1.2	\$0.9	n/m	\$50
Service & Spares	n/a	n/a	n/m	\$50
	\$21B	\$14B	-	\$1.6B
ACM Research China + RoW Revenue				>\$4B

¹Source: Gartner - "Forecast: Semiconductor Wafer Fab Equipment, Worldwide, 4Q25 Update" (December 2025) and Company Estimates:

▪ 2025 Gartner WFE market of \$116.8B

▪ ACM Research SAM determined by management's estimated product coverage

²China SAM assumes China WFE is \$40B

³Share refers to ACM Research market share target

Growth at Existing Customers

- Continue winning share at existing customers
- Continued China fab expansion, particularly in mature nodes
- Accelerating ECP and furnace product cycles
- Solid evaluation pipeline for Track PECVD

International Expansion

- Expanding sales & services teams in U.S., Europe, Korea and SE Asia
- Reshoring efforts to U.S. underway with purchase of 39,500 sq. feet facility including 5,200 sq. feet clean room in Oregon to support global production and advanced R&D
- Multiple evaluations underway at major customers in U.S., Europe, and Asia
- Multiple advanced packaging tool orders from leading global customers in North America and Asia



New Capacity

- Shanghai Lingang production and R&D center is up and running
- Moved into new headquarters in Zhangjiang Shanghai, Silicon Valley of China
- Korea R&D and production facility to support international expansion
- Oregon facility is laying the groundwork for initial production capacity, operations expected to begin in 2H 2026



New Products

- Broad product portfolio covering ~95% of cleaning process steps including SAPS, TEBO, Tahoe, semi-critical, SPM, and other tools
- Plating for front and back end, furnace and semi-critical tools
- Launched and delivered 1st new Ultra Lith BK system
- Launched new panel tools –plating, cleaning, bevel etching –to address fan-out panel level packaging market
- Major performance breakthrough for flagship Ultra C Tahoe and wet bench Cleaning Tool

Q1 2026 Financial Results

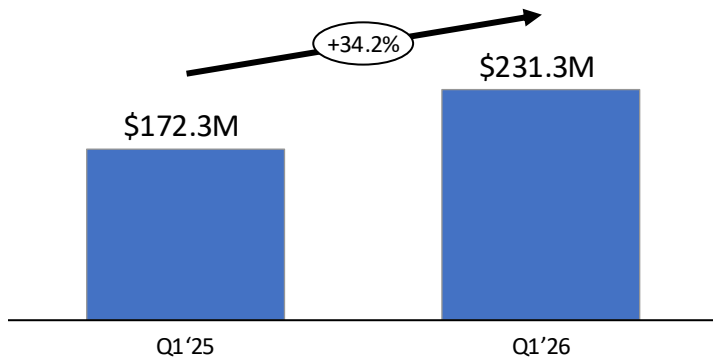
- \$231.3 million revenue (up 34.2% y/y); total shipments of \$240.7 million (up 53.6% y/y)
- 46.4% GAAP gross margin (versus 47.9% in Q1 2025)
- 46.5% non-GAAP gross margin (versus 48.2% in Q1 2025)
- \$36.2 million GAAP operating income (up 40.3% y/y; 15.6% of revenue)
- \$41.8 million non-GAAP operating income (up 17.4% y/y; 18.1% of revenue)
- \$0.24 diluted GAAP earnings per share (versus \$0.30 in Q1 2025)
- \$0.34 diluted non-GAAP earnings per share (versus \$0.46 in Q1 2025)

Key Operational Updates

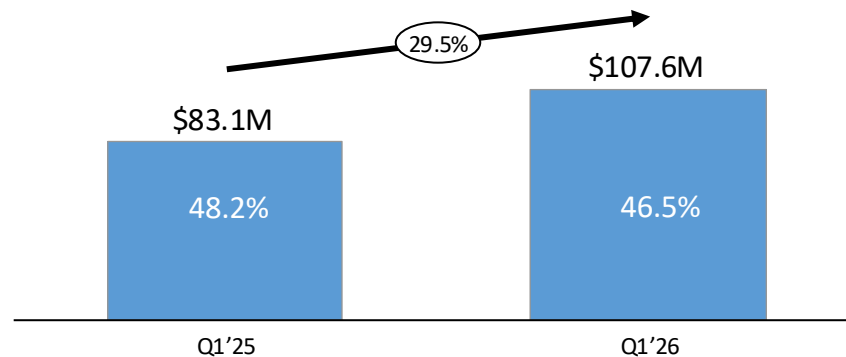
- Shipped first PECVD SiCN system to a leading semiconductor manufacturer customer for final validation
- Shipped Ultra C vac-p panel-level advanced packaging vacuum cleaning system to a leading global semiconductor packaging manufacturer outside mainland China
- Shipped wafer-level advanced packaging system to a leading OSAT customer in Singapore
- Introduced ACM Planetary Family™ product portfolio structure
- Operating subsidiary ACM Shanghai proposed secondary H share listing in Hong Kong
- Oregon operations expected to commence in later 2026

Q1 2026 Financial Results

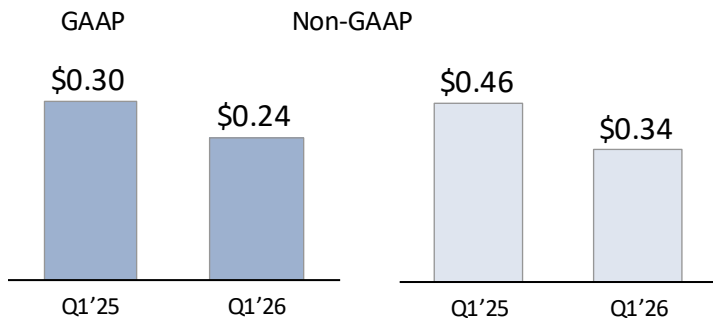
Revenue



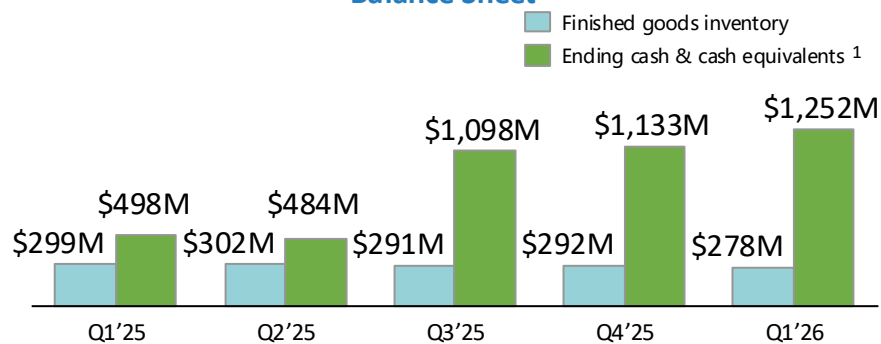
Non-GAAP Gross Profit



EPS



Balance Sheet



See slide 13 for reconciliation between GAAP and Non-GAAP Gross Profit and EPS

¹ Including interest bearing time deposits.

Cleaning

- \$122.5M revenue (down 5.5%)
- Revenue mix 53% vs. 75%

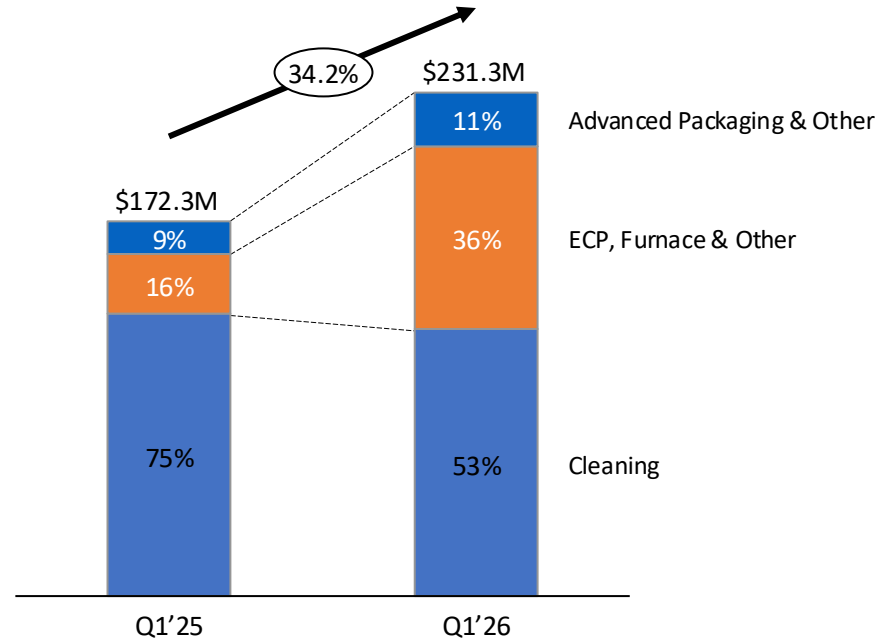
ECP, Furnace & Other

- \$84.2M revenue (up 204.9%)
- Revenue mix 36% vs. 16%

Advanced Packaging & Other

- \$24.5M revenue (up 62.0%)
- Revenue mix 11% vs. 9%

Revenue by Product: Q1'26 vs. Q1'25



1. Cleaning: Single wafer cleaning, Tahoe and semi-critical cleaning equipment
2. ECP, Furnace & Other: ECP (front-end and packaging), furnace and other technologies
3. Advanced Packaging & Other: Advanced Packaging (excluding ECP), services & spares

Flagship Cleaning Tools

SAPS



Megasonic Cleaning for Flat and Patterned Wafer Surfaces

- High efficiency with enhanced process flexibility
- Uniform and consistent results
- Customizable specifications

TEBO



Bubble Oscillation Cleaning for Patterned Wafers at Advanced Process Nodes

- Highly effective, damage-free solution for small and fragile features
- Multi-parameter bubble cavitation control

Ultra – C Tahoe



Hybrid Wafer Cleaning With Significant Cost & Environmental Benefits

- Environmentally friendly - reduces 75% sulfuric acid use vs. conventional tools
- High cleaning performance at low cost

Bevel Etch



Bevel Etching process for 3D NAND, DRAM and advanced logic processes

- Accurate and efficient wafer center alignment for precise bevel etch
- Variable wafer bevel etch/cut accuracy of ± 7 mm and good uniformity

Single Wafer High Temp SPM



Single High Temp SPM Cleaning for metal removal and PR Strip at advance node

- Photoresist stripping after high-dose energy implant, wet stripping without using a dry ash process, and special metal film removal processes at advance node

Semi Critical Cleaning Tools

Auto Bench



Batch Wafer Cleaning for a full range of wet technologies across multiple nodes

- ULD advance drying technology addresses challenges in high-aspect-ratio structures
- MCR module delivers high cleaning performance and eliminates cross-contamination

Backside



Backside Clean Tool for wafer device side none contact process

- Good particle performance and etch uniformity control
- High throughput above 300 wph

Scrubber



Scrubber Cleaning for efficient front- and backside wet-cleaning applications

- High throughput, small footprint and low cost
- Small particle removal

Advanced Processes

High Temp IPA Dry (UTD)



High Temp IPA Drying for advanced logic processes

- Damage-free drying process for small structures and high-aspect-ratio structures
- Associated with customizable cleaning method for optimal performance

Other Tools



Additional tools available for advanced processing...

ACM Research's integrated circuit wet cleaning equipment product line covers over 90% of the cleaning process steps

Vertical Furnace



Furnace Tube Classification	Film Type	Process	Temperature Range	Existing ACM Research Product	In Development
Normal Pressure Chemical Vapor Deposition Furnace	Oxidation	Wet oxygen/dry oxygen/nitrogen annealing	700~1200°C	★	
	Annealing				
	Back-end thermal treatment	Copper process thermal treatment	100~450°C		
Coating and curing					
Low Pressure Chemical Vapor Deposition Furnace	Alloy	Hydrogen/nitrogen thermal treatment	100~450°C	★	
	Silicon deposition	Poly-crystal silicon doping	500~620°C	★	
		Advanced poly-crystal deposition			☆
		No poly-crystal silicon doping		★	
	Silicon oxide	High-temperature silicon oxide	650~800°C	★	
Silicon nitride	Silicon nitride deposition	★			
Atomic Layer Deposition Furnace	Silicon oxide	Silicon oxide deposition	500~650°C	★	
	Silicon nitride	Silicon nitride deposition			






W*L*H= 1.10m*3.70m*4.05m

Model	Ultra Pmax™ PECVD
Film Category / Type	Dielectric Films: SiO ₂ / Si ₃ N ₄ / SiON / TEOS Advanced Films: SiCN / APF Applicable to 300mm wafer processing
Technical Features	<ul style="list-style-type: none"> • Patented chamber design, gas distribution unit & chuck design • Multi-frequency RF architecture • Independent HF & LF control • Liquid precursor delivery with vaporizer (no carrier gas) • Multiple heating plates per chamber • Flexible chamber configuration • Optimized for film stack processing with improved film uniformity & stress control • Self-developed ACM software for flexible process configuration • Process temperature compatible with PECVD requirements from 200°C – 650°C
RF Frequency	HF: 13.56 MHz ~ 27.12 MHz LF: 350 kHz ~ 450 kHz Separate RF control
Chamber Configuration	1–3 chamber design (thin film / fast process steps optimized) 4–5 chamber design (thick film & high throughput optimized)
Heater / CH	Multiple heating plates per chamber
Offline / Inline	Standalone System
Development Phase	Industry Evaluation



Ultra Pmax™ PECVD

Model	Model	Technical Features	Offline /Inline	Chamber Temperature	Bake Range	Development Phase
 Ultra Lith™ ArF Track	ArF Model	<ul style="list-style-type: none"> Support 300mm wafers 4 × 12-inch load ports 12 coating chambers + 12 developing chambers (12C12D) Throughput > 300 WPH 13 robots integrated Up to 60 hotplates Backside & frontside cleaning modules Inline defect monitoring & image inspection 	Inline	Multi-zone precision hotplate control	Process-optimized thermal control	Industry Evaluation
 Ultra Lith™ KrF Track	KrF Model	<ul style="list-style-type: none"> Support 300mm wafers 4 × 12-inch load ports 12 coating chambers + 12 developing chambers (12C12D) Throughput > 300 WPH 13 robots integrated Up to 60 hotplates 8 HMDS modules Inline defect monitoring & image inspection 		Multi-zone precision hotplate control	Process-optimized thermal control	Industry Evaluation
—	I-line Model			—	—	In Development

Model	Technical Features	Offline/Inline	Chamber Temperature	Bake Range	Development Phase
 Ultra Lith™ BK	<ul style="list-style-type: none"> Up to 10 integrated cold plates ($\pm 0.1^{\circ}\text{C}$ uniformity) Configurable architecture (up to 32 hotplates) Dual UV curing systems Throughput up to 160 WPH Dual robot handling High-flow hotplate up to 250°C Low-flow hotplate up to 180°C IUV uniformity $\leq \pm 5\%$ 	Standalone	Cold plate: $\pm 0.1^{\circ}\text{C}$ Hotplate uniformity: <ul style="list-style-type: none"> $\leq 0.2\%$ (High-flow) $\leq 0.08\%$ (Low-flow) 	Up to 250°C (High-flow)	Industry Evaluation

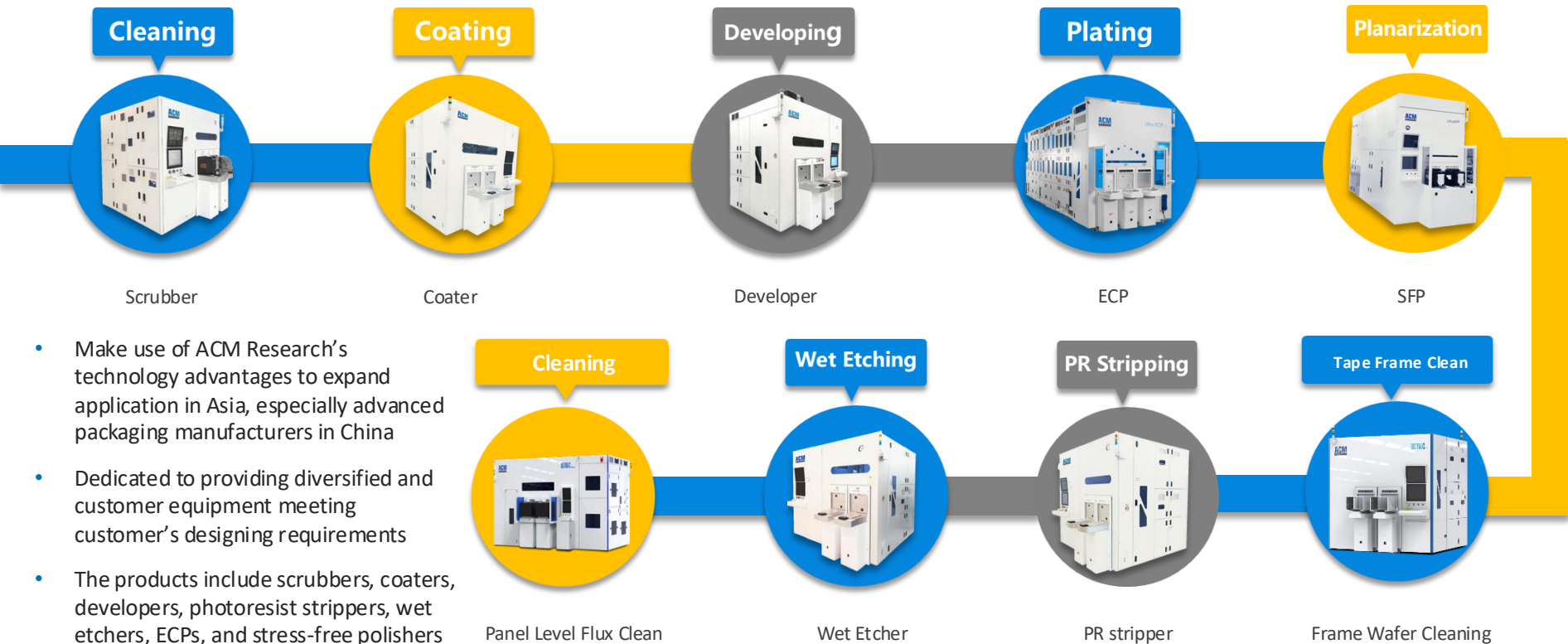
Electroplating



Model	Ultra ECP map	Ultra ECP 3D	Ultra ECP ap	Ultra ECP ap (Cu-Ni-SnAg-Au)	Ultra ECP GIII	Ultra ECP ap-p	Ultra ECDP
Application	Dual-damascene plating (90nm-28nm)	3D/2.5D high aspect ratio TSV	Pillar bump, Solder bump, RDL, Conformal TSV	High-density Fan Out Fine Pitch RDL	RF product 150mm wafer-level packaging	Pillar bump, RDL 510mmx515mm or 600mmx600mm panels	Au bump / thin film / deep hole Compound semiconductor Au etch
Module	16 chambers	10/12 chambers	24/28 chambers	28 chambers	8/9 chambers	8/20 chambers	Up to 4 de-plating chambers Pre-wet & clean configurable
	Cu Post-cleaning Annealing	Cu Post-cleaning Pre-wetting	Cu+Ni+SnAg Pre-wetting Post-cleaning	Cu/Ni/SnAg/Au Pre-wetting Post-cleaning Cleaning after Au plating	Cu+Sn/Ag+Ni Au Pre-wetting Post-cleaning	Cu/Ni/SnAg/Au Pre-wetting Post-cleaning Buffer flip, aligner & CCD	Au electrochemical de-plating (DeAu) Pre-wetting Cleaning
Special Features	Impulse local plating	Impulse local plating	Second anode technology	Second anode technology Impulse Au plating	Second anode technology	Horizontal and multi zone process to control corner & edge uniformity	Multi-anode technology DTW <5%, WTW <3%

Advanced Packaging

Comprehensive solution for wafer and panel-level advanced packaging wet process

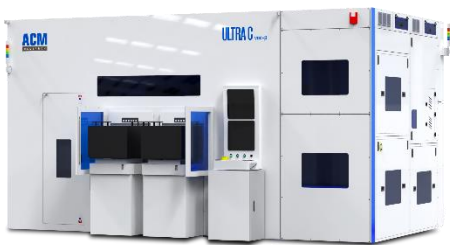


- Make use of ACM Research's technology advantages to expand application in Asia, especially advanced packaging manufacturers in China
- Dedicated to providing diversified and customer equipment meeting customer's designing requirements
- The products include scrubbers, coaters, developers, photoresist strippers, wet etchers, ECPs, and stress-free polishers

Panel-level Packaging

A comprehensive suite of wet processing and plating tools engineered for Panel-Level Packaging (PLP), supporting next-gen chiplet integration and advanced packaging nodes.

Ultra C vac-p Flux Cleaning



- Handles organic/glass panels (510×515 mm & 600×600 mm)
- Vacuum-enabled flux clean with IPA drying
- Removes flux residue and voids before underfill
- Targets <math><40\ \mu\text{m}</math> bumps and warped substrates

Ultra C bev-p Panel Bevel Etch & Clean



- Dual-side bevel etch using diluted sulfuric/peroxide
- Copper removal at panel edges
- Prepares panel edge for lithography and reduces warpage

Ultra ECP ap-p Horizontal Panel Plating



- Commercial tool for Cu, Ni, SnAg, Au deposition on panels
- 310×310 mm, 510×515 mm, 600×600 mm, 700×700 mm panels, up to 16 plating chambers
- <math><5\%</math> thickness uniformity, >40 panels/hour
- Winner of 2025 3D InCites Technology Enablement Award

CUSTOMER



Mercury Series
(Track Tools)



Venus Series
(Electroplating Tools)



Earth Series
(Cleaning Tools)



Mars Series
(Furnace Tools)



Jupiter Series
(Wafer-level advanced packaging Tools)



Saturn Series
(PECVD Tools)



Uranus Series
(Panel-level advanced packaging Tools)



Neptune Series
(Stress-free polishing Tools)

Q1 2026 GAAP to Non-GAAP Reconciliation

	Three Months Ended March 31,							
	2026				2025			
	Actual (GAAP)	SBC	Other non- operating adjustments	Adjusted (Non-GAAP)	Actual (GAAP)	SBC	Other non- operating adjustments	Adjusted (Non-GAAP)
	<i>(In thousands)</i>							
Revenue	\$ 231,263	\$ -	\$ -	\$ 231,263	\$ 172,347	\$ -	\$ -	\$ 172,347
Cost of revenue	(124,025)	(348)	-	(123,677)	(89,797)	(529)	-	(89,268)
Gross profit	107,238	(348)	-	107,586	82,550	(529)	-	83,079
Gross margin	46.4%	0.2%	-	46.5%	47.9%	0.3%	-	48.2%
Operating expenses:								
Sales and marketing	(20,688)	(1,492)	-	(19,196)	(16,343)	(2,157)	-	(14,186)
Research and development	(36,549)	(1,842)	-	(34,707)	(27,503)	(2,775)	-	(24,728)
General and administrative	(13,824)	(1,939)	-	(11,885)	(12,927)	(4,356)	-	(8,571)
Total operating expenses	(71,061)	(5,273)	-	(65,788)	(56,773)	(9,288)	-	(47,485)
Income (loss) from operations	\$ 36,177	\$ (5,621)	\$ -	\$ 41,798	\$ 25,777	\$ (9,817)	\$ -	\$ 35,594
Unrealized loss on short-term investments	(1,406)	-	(1,406)	-	(1,082)	-	(1,082)	-
Net income (loss) attributable to ACM Research, Inc.	\$ 17,307	\$ (5,621)	\$ (1,406)	\$ 24,334	\$ 20,380	\$ (9,817)	\$ (1,082)	\$ 31,279
Basic EPS	\$ 0.26			\$ 0.37	\$ 0.32			\$ 0.49
Diluted EPS	\$ 0.24			\$ 0.34	\$ 0.30			\$ 0.46

THANK YOU!

ACM Research

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