



**SEMI Americas and Semiconductor Digest announce 2021 Best of West Award finalists: EVG, Edwards Vacuum, Inficon and Telit – December 7, 2021**



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## Top Stories

**SEMI Americas and Semiconductor Digest announce 2021 Best of West Award finalists: EVG, Edwards Vacuum, Inficon and Telit**

SEMI Americas and Semiconductor Digest today announced finalists for the Best of West award to be presented at SEMICON West 2021 Hybrid, December 7-9 at the Moscone Center in San Francisco. [More>>](#)

**Chip shortage continues, AI regulation increases**

Deloitte released its Technology, Media & Telecommunications (TMT) 2022 Predictions report,

which highlights how worldwide trends in TMT may affect businesses and consumers worldwide. [More>>](#)

### **Sales of CMP slurry in semiconductor industry to drive market at 7.8% CAGR**

Rising demand for electronic products and increasing need to facilitate the fabrication process are some of the major factors driving the growth in CMP slurry market. [More>>](#)



**The GP200 Series P-MFC** from Brooks Instruments designed for **leading-edge Foundry/Logic applications**. Combining high-speed flow sensing and control algorithms, GP200 sets the new standard for flow control response time. When transitioning to low flow setpoints, GP200's downstream valve architecture enables **rapid and consistent flow settling time** as there is no variable internal volume of gas to bleed down, a critical limitation of MFCs with upstream valve architectures. GP200 meets the critical requirements for high-aspect-ratio etch processes for TSV, MEMS, and high-throughput continuous plasma processes. [Learn more.](#)

## Tech News

### **Keysight's new parallel parametric test system delivers high throughput and cost effective wafer test**

Keysight Technologies, Inc., a technology company that delivers advanced design and validation solutions to help accelerate innovation to connect and secure the world, announced the new Keysight P9002A parallel parametric test system, which provides high throughput and cost effective wafer test to accelerate time-to-market in R&D and lower cost-of-test in manufacturing. [More>>](#)

### **Gigaphoton begins mass production of its latest KrF light source model 'G60K'**

Gigaphoton Inc., a manufacturer of light sources used in semiconductor lithography, has announced that it has begun mass production of its new KrF light source model 'G60K'. [More>>](#)

The December issue of the magazine is now available!  
Pick up a copy at SEMICON  
West Booth 244.

[Click here to read it!](#)



#### Business News

### **Micron to open memory design center in Atlanta**

Micron Technology, Inc., one of the world's largest semiconductor manufacturers and the only U.S.-based manufacturer of memory, today announced plans for its new memory design center in Midtown Atlanta, expanding the company's reach into the Southeast. [More>>](#)

### **Global semiconductor equipment billings jump 38% year-over-year in Q3 2021**

Global semiconductor equipment billings increased a robust 38% year-over-year to US\$26.8 billion in the third quarter of 2021, an 8% rise from the prior quarter to register their fifth consecutive quarter-over-quarter record high, SEMI announced today in its Worldwide Semiconductor Equipment Market Statistics (WWSEMS) Report. [More>>](#)

**CEOs of chip, auto, medical device, tech, telecom, other companies call on Congress to strengthen U.S. semiconductor research, design, manufacturing**

The Semiconductor Industry Association applauded a letter sent this morning to congressional leaders by a broad coalition of 59 CEOs and senior executives urging swift action to fund the CHIPS for America Act and enact a strengthened version of the FABS Act to bolster U.S.-based semiconductor research, design, and manufacturing. [More>>](#)

**Webcasts and Technology Papers**

**Hot to Improve ALD Process Consistency With Optimized Process Valves and Pneumatic Control Systems**

[View Paper](#)

**Analysis of Metallic Impurities in Si Wafers Using Fully Automated VPD-ICP-MS**

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**Temperature Solutions for Semiconductor Production**

[View Paper](#)

**Particles, Processes, and Planning: Synergies to Improve CMP Yield**

[View Paper](#)

**Managing the Emission Properties of MicroLEDs Through Photonic Bandgap Engineering**

[View Paper](#)

**Field Digital Demand Generation Fault Hunter AN AMO WW Q421**

[View Paper](#)

**Consistent Atomic Layer Deposition Processes Demand Consistent ALD Valve Actuation**

[View On Demand](#)

**Analysis of Metallic Impurities in Organic Solvents Used in IC Fabrication With the NexION 5000 ICP-MS**

[View Paper](#)

**Backside Protection of Wafer-Level Chip Scale Packages Improves Handling and Reliability**

[View Paper](#)

**Ultra-Trace Quantification of Non-Metals in Sulfuric Acid Solutions Using the NexION 5000 ICP-MS Under Different Cell Gas Conditions**

[View Paper](#)

**In-line Airborne Particle Sensing Supports Faster Response to Contamination Excursions**

[View Paper](#)

**Analysis of Metallic Impurities in Si Wafers Using Fully Automated VPD-ICP-MS**

[View Paper](#)

**Fluxless Soldering in Activated Hydrogen Atmosphere**

[View Paper](#)



**SEMICON West 2021 Hybrid Event | Dec 7-9**

Join SEMICON West In-Person or On-Demand and hear outstanding keynotes from AMD, Blue Shield of California, EMD Electronics, Harvard, KLA, Lam Research, RapidRating, shift7, Stanford, Tokyo Electron, and more. Get answers about today's megatrends driving business and change from AI and Big Data to Smart Manufacturing and Smart MedTech. **Register today.**



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