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EV Group brings high speed, high precision metrology to 3D heterogeneous integration
– December 7, 2021

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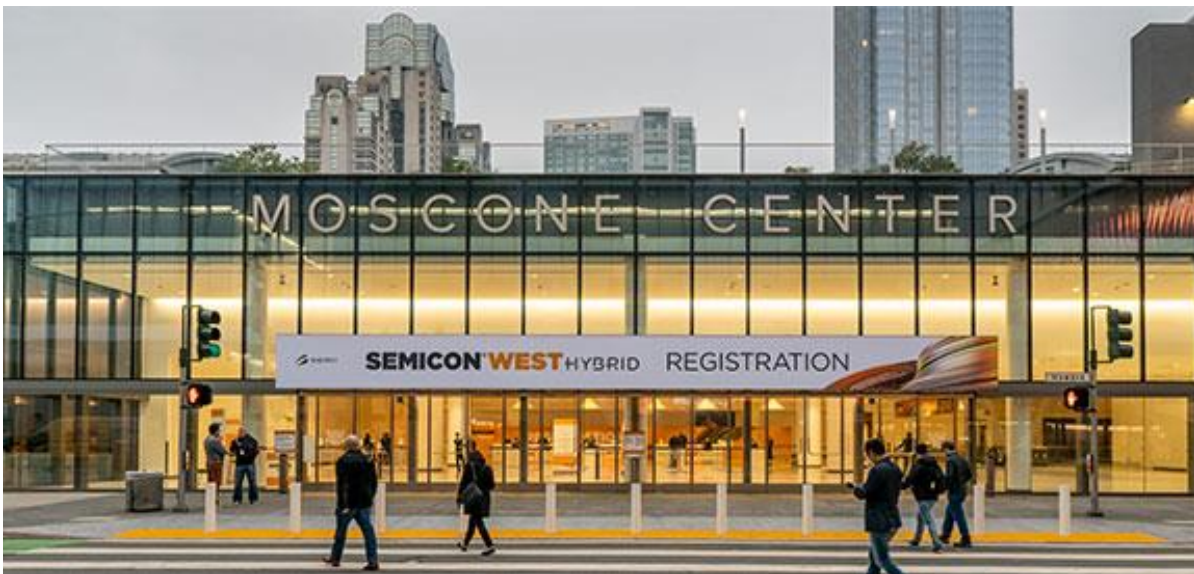
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December 7, 2021

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[The Virtual Platform Is Now Open For All Attendees—Through January 7](#)

SEMICON West Day 1 is off to the races as attendees enjoy in-person networking, leading

Keynotes, and Executive Panels. Learn the latest in Smart Mobility, MedTech Innovations, Data/AI, Manufacturing Smart Connections, and even garner helpful hints for a successful career relaunch in our Workforce Development Pavilion. Get reconnected at tonight's in-person networking events, more details here evening networking for Smart Mobility–GAAC and Standards Receptions. [More>>](#)

Day One

- [Collaboration needed on environmental sustainability](#)
- [SEMI Americas and Semiconductor Digest announce 2021 Best of West Award finalists: EVG, Edwards Vacuum, Inficon and Telit](#)
- [Advantest showcases semiconductor test technologies at SEMICON West 2021](#)
- [Powerful new semiconductor tool introduced by Park Systems combines atomic force microscopy with white light interferometry](#)
- [EV Group brings high speed, high precision metrology to 3D heterogeneous integration](#)
- [FLEX Conference to co-locate with SEMICON West in 2022](#)
- [SEMICON West 2021 Hybrid to highlight solutions to global challenges, smart technologies, talent](#)



Top Stories

[Collaboration needed on environmental sustainability](#)

The market drivers behind the semiconductor industry's explosive growth are well known: AI, 5G, cloud computing, super computing, the IoT, gaming, automotive, medical and smart manufacturing, and of course, the work from home trend driven by the global pandemic. [More>>](#)



[SEMI Americas and Semiconductor Digest announce 2021 Best of West Award finalists: EVG, Edwards Vacuum, Inficon and Telit](#)

SEMI Americas and Semiconductor Digest 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>>](#)



[Magnetically Levitated Turbopumps](#)

Pfeiffer Vacuum ATH 2804 M/MT and ATH 3204 M/MT magnetically levitated turbopumps are designed for harsh semiconductor applications. They offer a gas throughput of over 5,000 sccm of nitrogen for non-heated applications and up to 1,500 sccm of argon at 65°C in corrosive applications. For high temperature, by-product deposition sensitive processes, the 85°C (MT model) is available. [Learn more.](#)

New Products & Technologies

[Advantest showcases semiconductor test technologies at SEMICON West 2021](#)

The theme of Advantest's exhibit will be "Converging Technologies. Advancing the Future," highlighting the company's advancements in developing leading-edge test solutions for applications including AI, exascale computing, 5G communications and advanced driver-assistance systems (ADAS). [More>>](#)



[Powerful new semiconductor tool introduced by Park Systems combines atomic force microscopy with white light interferometry](#)

Park Systems, a manufacturer of Atomic Force Microscopes, presents Park NX-Hybrid WLI, the first fully integrated system that combines Atomic Force Microscopy (AFM) with White Light Interferometer (WLI) profilometry. [More>>](#)



[EV Group brings high speed, high precision metrology to 3D heterogeneous integration](#)

EV Group unveiled the EVG 40 NT2 automated metrology system, which provides overlay and critical dimension (CD) measurements for wafer-to-wafer (W2W), die-to-wafer (D2W) and die-to-die (D2D) bonding as well as maskless lithography applications. [More>>](#)





[The NEW GP200 Series](#), the first universal pressure-based mass flow controller (P-MFC), from Brooks Instrument is designed for advanced Etch and Deposition processes. The GP200 delivers improved flow measurement accuracy & repeatability and highly consistent ultra-fast response times to meet the challenging process requirements in leading-edge Foundry/Logic applications. [Click here for improved flow measurement!](#)

Research & Business Developments

[FLEX Conference to co-locate with SEMICON West in 2022](#)

SEMICON West, North America's premier microelectronics exhibition and conference that unites players across the entire electronics manufacturing and design supply chain, and FLEX Conference, the annual event focused on flexible hybrid and printed electronics innovations, will co-locate at the Moscone Center in San Francisco, July 11-14, 2022. [More>>](#)



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[SEMICON West 2021 Hybrid to highlight solutions to global challenges, smart technologies, talent](#)

Optimal readiness and stronger alliances across the semiconductor supply chain to confront future global disruptions will come into sharp focus at SEMICON West 2021 Hybrid, December 7-9 at the Moscone Center in San Francisco. [More>>](#)



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What is the C-Flex Pivot Bearing?

It's a flexure-based bearing utilizing internal flat crossed springs, capsuled in a cylindrical housing, to provide precise rotation with low hysteresis and no frictional losses. The C-Flex bearing will offer indefinite life when used within its rated load and rotation values. Applications important for SEMICONDUCTOR, MEDICAL, AEROSPACE and MORE.

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The December issue of the magazine is now available!
Pick up a copy at SEMICON West Booth 244.
[Click here to read it!](#)

The image shows the cover of the December issue of 'SEMICONDUCTOR NEWS AND INDUSTRY TRENDS'. The cover features a blue and black design with a central image of a semiconductor chip. The main headline on the cover is 'How Integrated Materials Solutions'.

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