



Protec MEMS Technology orders maskless lithography system from EVG– January 23, 2024



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January 23, 2024

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### [Sondrel completes a multi-billion transistor chip design at 5nm](#)

Sondrel, a leading provider of ultra-complex chips for leading global technology brands, has announced that it has completed its most complex chip design to date. Designed on a 5nm process node, this ultra-complex design has more than 50 billion transistors. [More>>](#)

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With pumping speeds ranging from 80 to 800 l/s, the HiCube Neo vacuum pumping station is ideal for demanding high vacuum and ultra-high vacuum applications. The HiCube Neo can be prepared for wide-ranging applications with an array of different backing pumps such as diaphragm, rotary vane, scroll and multi-stage Roots pumps. [More>>](#)

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Busch TORRI BD 600 multi-stage rotary lobe vacuum pumps.

- Fast pump-down time
- Compact space-saving size
- Low energy consumption

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### **Fast Leak Detection**

The Pfeiffer Vacuum ASM 390/ASM 392 dry, mobile leak detectors are optimized for rapid pump downs and short response times. They offer high sensitivity for ultra-clean maintenance of large test chambers. Semi S2 compliant, the ASM 390/ASM 392 offer rugged and reliable use and an ergonomic platform. **More>>**



### **2024 CMC Conference Making Moore and More with Less — The Future of Semiconductor Materials**

The 2024 Critical Materials Council (CMC) Conference is a 2-day event providing actionable information on materials and supply-chains for current and future semiconductor manufacturing. The CMC Conference provides practical information addressing solutions to process challenges and materials-related issues alongside business and supply-chain trends. **More>>**

## **Business News**

### **Semiconductor chemical market projected to reach \$21.9 billion by 2028**


New research from ResearchAndMarkets.com provides a comprehensive analysis of the semiconductor chemical market, highlighting significant growth from a current valuation of \$12.2 billion to \$21.9 billion by 2028. **More>>**

### **Electronic gases market aimed for rebound despite challenges**

TECHCET— the advisory firm providing materials market & supply chain information for the semiconductor industry — reports that healthy recovery is on the way for the Electronic Gases market, following the decline to below US\$7 billion in 2023. [More>>](#)

### **Protec MEMS Technology orders maskless lithography system from EVG**

PROTEC MEMS Technology (PMT), one of the world's leading suppliers of semiconductor wafer probe cards, has ordered a LITHOSCALE® maskless exposure system from EV Group (EVG), a leading supplier of wafer bonding and lithography equipment for the MEMS, nanotechnology and semiconductor markets. [More>>](#)



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