


iMiD 2025

The 25th International Meeting on Information Display
August 19-22, 2025 / BEXCO, BUSAN, KOREA



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Exhibitor Introduction	<p>MEMS Corp., established on January 12, 2021, specializes in semiconductor design, manufacturing, and simulation, demonstrating innovative technological capabilities in the semiconductor industry. We provide tailored foundry services and possess advanced expertise in MEMS-based production processes, enabling us to create diverse products customized for various sectors. Rather than focusing exclusively on a limited range of products, we continuously broaden our portfolio to meet the specific needs of multiple industries.</p> <p>At MEMS Corp., we leverage MEMS technology to drive innovation across numerous sectors, offering solutions that enhance safety, health, and convenience. We actively collaborate with domestic and international partners to facilitate technological exchange, explore new markets, and develop solutions precisely tailored to customer requirements. Moving forward, MEMS Corp. remains committed to creating a better future through MEMS technology and achieving social value through technological advancement.</p>	
Exhibit Description	<p>Prototype to Production for Next-Generation Displays and Sensors</p> <p>MEMS Corp., an ISO 9001/14001-certified foundry, reveals how its dedicated 2 / 4 / 6-inch MEMS line accelerates device commercialization.</p> <p>The showcase traces a fully integrated flow: 0.7 μm stepper and 1 μm mask-aligner lithography, highly uniform E-beam / PECVD / LPCVD thin-film deposition, deep-silicon etching up to 500 μm, and rigorous wet-clean and anneal routines.</p> <p>By unifying these steps under one roof, we cut prototype cycles, secure high yield, and enable scalable manufacturing for micro-LED arrays, GaN power modules for display backplanes, hydrogen sensors, and bio-MEMS microfluidic chips—delivering reliable, repeatable results to display innovators worldwide.</p>	
Exhibit Product	Poster	