

iMiD 2026

The 26th International Meeting on Information Display
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Company Name	Korea Institute of Machinery & Materials (KIMM)	Company Logo
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Exhibitor Introduction	Celebrating its 50th anniversary in 2026, the Korea Institute of Machinery & Materials (KIMM) is a world-class research institute driving Korea's manufacturing industry. Guided by the conviction that machinery moves the world, KIMM's Nano-Convergence Research Division spearheads scalable nano-transfer and advanced display technologies, translating lab-scale innovations into industry-ready solutions.	
Exhibit Description	This exhibition presents actual outcomes of a national R&D project (No. RS-2024-00448225) developing a roll-based, full-color (RGB) quantum-dot thin-film dry transfer technology for 5,000-PPI-class QD-EL XR color displays. Our showcase demonstrates the comprehensive 8-inch Si-backplane-compatible material-to-device pipeline—from eco-friendly QD-EL materials to precise dry-transfer processes.	
Exhibit Product	- Core Technology: Dry-Transferred Stacked QD-EL Pixels & Roll-Transfer Equipment Model - Process Components: 5,000-PPI 8-Inch Si-Backplane, Eco-Friendly QD-EL Unit Devices, and Smart PU-SMP Stamps	