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Name of Company	Malvern Panalytical Ltd.	Company Logo
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Exhibitor Introduction	Malvern Panalytical is a leading provider of advanced analytical instrumentation and software solutions for materials characterization. Our technologies support research, development, manufacturing, and quality control across a wide range of industries, including semiconductors, advanced materials, batteries, pharmaceuticals, and academia. For the semiconductor industry, Malvern Panalytical offers comprehensive characterization and metrology solutions for thin films, epitaxial layers, crystal structures, elemental composition, and wafer analysis. Our solutions help researchers and manufacturers accelerate innovation, improve process control, and enhance product performance. With decades of scientific expertise and a global network of application specialists, Malvern Panalytical partners with customers worldwide to solve complex analytical challenges and advance semiconductor and materials research.	
Exhibit Product	Empyrean Series – Advanced X-ray diffraction (XRD) platform for thin-film characterization, epitaxial layer analysis, reciprocal space mapping (RSM), high-resolution XRD (HRXRD), X-ray reflectivity (XRR), and semiconductor materials research. 2030ZT Wafer Analyzer – Advanced semiconductor thin-film X-ray fluorescence (XRF) metrology solution for non-destructive elemental composition and thickness measurement of semiconductor wafers. Crystal Orientation Range – High-precision X-ray diffraction solutions for crystal orientation, wafer alignment, off-cut angle measurement, and quality control of semiconductor substrates including Si, SiC, GaN, sapphire, and other single-crystal materials.	