


iMiD 2024

The 24th International Meeting on Information Display
August 20-23, 2024 / ICC Jeju, Jeju, Korea



| Company Name | ASTA Corp. | Company Logo |
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| Exhibitor Introduction | <p>ASTA. established in 2006, is a mass spectrometer manufacturing company that specializes in optimizing and developing Time-of-flight (TOF) mass analysis systems for various fields, offering customized solution. Our diverse range of models, caters to applicationsspanning from hospital microbial diagnostic systems to quality control systems for various materials, and industrial high resolution mass imaging systems.</p> <p>The high-resolution imaging LDI TOF system excels in rapid and accurate analysis for OLED display characterization. It allows for materials and device analysis without time-consuming sample preparations. The high-resolution microscopy and spatial analysis resolution offer effective panel defect analysis. And its high detection sensitivity provides direct analysis results for impurity analysis in materials and identification of degradation causes.</p> <p>Recently, we developed a real-time gas monitoring system based on an electron ionization method and TOF mass spectrometry to rapidly measure and quantitatively analyze gas reagents relevant to the manufacturing processes of advanced electronic materials</p> | |

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| | <p>such as semiconductors and battery devices. In addition, we have an integrated system that combines thermogravimetric analysis (TGA) with the real-time gas monitoring system (TR-GMS). This integrated setup allows for simultaneous thermal stability and high-temperature evolved gas analysis</p> <p><u>ASTA is a company that collaborates closely with customers to provide custom-made analysis systems, software, and databases tailored to their specific needs</u></p> |
| Exhibit Description | At the ASTA booth, we will showcase the high-resolution imaging LDI TOF system in action through an operation video . Additionally, we'll present and explain application posters related to this system. Visit our booth to learn more! |
| Exhibit Product | IDSys Premier |