


iMiD 2023

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Exhibitor Introduction	<p>DMS is a provider of display manufacturing equipment. High Density Cleaner(HDC), which accounts for the largest Portion of our sales, has been the No.1 market share in wet cleaner market for 19 years.(List of World-class Product by Ministry of Trade, Industry and Energy)</p> <p>Our competitive advantages are as follows:</p> <p>The First is technology. HDC(High Density Cleaner), our flagship product, has a technological advantage in the wet cleanig equipment market and is exclusively supplied by our company. This equipment is a cleaning equipment that removes foreign substances (from the substrate) before the deposition stage in the TFT process. By reducing the number of parts and</p>	

	<p>equipment size by 30% compared to the previous one, this equipment contributed to the productivity improvement of the customer by increasing the space utilization inside the customer's factory. We also have the capability to develop core modules to improve equipment performance, reduce energy, and differentiate technology.</p> <p>The Second is a global company.</p> <p>Our company is producing high-quality equipment at a reasonable price through the establishment of a division of labor between the headquarters in Korea and the local production corporation in China. Headquarters in Korea specializes in R&D and design, and the local production corporation in China specializes in drawing production, production, installation, and maintenance.</p> <p>Exports account for nearly 70% of total sales, and major customers include BOE, CSOT, TIANMA, AUO, INNOLUX, and LG Display.</p> <p>Third, we are very responsive to our customers.</p> <p>Our company operates more than 20 installation and maintenance centers not only in Korea but in China and Taiwan at all times to respond quickly to customer needs.</p>
<p>Exhibit Description</p>	<p>With its technological competitiveness in cleaning products of display manufacturing equipment, DMS has established strong brand power across all the products, poised for rapid expansion.</p> <p>Through the wide range of products covering LCD & OLED, DMS has currently delivered more than 15 different types of wet equipment (Initial CLN, Pre-depo. CLN, Pre ITO CLN, Pre Photo CLN, Pre-exposer CLN, Pre En-capsulator CLN, Etcher, Stripper, Developer).</p> <p>DMS has a strong brand power in diverse product mix from cleaning products of display manufacturing equipment. Cleaning process takes up 50% of the whole process of wet cleaner, wet stripper, wet etcher, and developer. DMS can leverage its strength in cleaning products and easily increase its market share in other product category.</p>
<p>Exhibit Product</p>	<ul style="list-style-type: none"> ◆ High Density Cleaner(HDC) • Depo. 前 Cleaner: Contributes to yield enhancement and leads to effective usage of space since High Efficiency Cleaning Technique got

applied before deposition process together with CVD and PVC.

- **Initial Cleaner** Machine which needed in first process of panel production, Cleans contaminated glass with powerful and enhanced technique.
- **Photo 前 Cleaner** Machine which used in removing organic matter & moisture with High Performance Technique to equally spread PR and to eliminate faulty coating.
- **HF Cleaner** Machine used in removing organic matter & metal-oxide before deposition process and crystallization process in LTPS production process with functionality cleaning technique.

[Core Technologies for enhancing process performance]

- **DHJ:** High-precision cleaning module for OLED
 - Particle removal efficiency with additional Thermal Energy
 - Pattern damage free
 - Various contaminants (including Metal ion) free
- **SMJ:** Excellent cleaning with nozzle spray via high pressure pump
 - Cleaning system for removing particles with high collision energy
 - Wide range pressure setting
 - Low Consumption (DIW, CO₂)
 - Easy and low cost maint.
- **Nano bubble Generator:** Increase Cleaning Power and Sterilization Effect
 - Increase cleaning power by negative Zeta Potential
 - Prevent bacteria and particles adhesion in piping
- **O₃ Generator:** Suppressing Growth of Bacteria in Piping/Tank/Bath
 - Removing Bio-film on the surface of Piping/Tank/Bath with low concentrated DIO₃
 - Pattern Damage Free and stable concentration control
 - Can be installed in tank and direct supply
 - No wastewater treatment due to its short lifetime (~30min)
- **MIR:** Process defect prevention by minimizing residual moisture after drying
 - Use MIR Lamp with similar absorption wavelength of water