

# iMID 2018

August 28 - 31, 2018 / BEXCO, Busan, Korea



<b>Company Name</b>	GJM Co., Ltd.		
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<b>Exhibitor Introduction</b>	<p>OLED, changing the world by GJM Co., Ltd. Innovative technology</p> <p>GJM Co., Ltd. is a manufacturer specializing in the production of equipment for the creation of thin film on the basis of the high vacuum technology and the vacuum evaporation technology and take the lead in developing the equipment demanding high technology such as OLED industries.</p> <p>All of employees and management will think of what you want first and will endeavor to secure the core future technology and the best quality products with ceaseless research and development, satisfying your needs and improving our productivity.</p>		
<b>Exhibit Description</b>	<p>GJM Co., Ltd is a comprehensive equipment manufacturer specializing in deposition equipment based on high vacuum technology. We are leading the development of equipment high technology such as display. We established laboratory for development of DSMC simulation that can predict molecular motion in high vacuum. We developed 5.5Gen linear source by DSMC simulation.</p> <p>In addition, we succeeded in developing products related to unique deposition technologies such as OLED organic-inorganic evaporator capable of manufacturing OLED elements, roll to roll deposition system for developing flexible OLED lighting, and sublimation purifier for refining organic material impurities.</p>		

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## Exhibit Product

### OLED Linear Source

- Uniformity ( ~ 3%)
- Substrate : 2G ~ 5.5G
- Rate : 0.1 ~ 20 Å/s
- TS : Min. 250mm
- Capacity : ~ 3000cc

### OLED Inorganic Source

- Heater Type: Single & Double
- Heater Filament : Ta(Wire, Sheet)
- Capacity : ~500cc
- Crucible : PBN, Graphite
- Uniformity ( ~ 3%)
- Operating Temp. : ~1200°C

### OLED Sublimation Purifier

- Diameter : Φ80 ~ 500 (mm), Length : < 3500 (mm)
- Operating Temp. : Max. 900°C
- Max. Capacity : < 10kg
- Remarks : Heating zone (Customized)
- Vacuum Level : > 5x10<sup>-6</sup> torr

### OLED R2R Evaporation System

- Substrate: PI, PET, PEN (ITO) Film
- Organic Layer : ETL – EML(H, D) - HTL
- Inorganic Layer : Ag/Mg or LiF/Al
- Protective Layer : Aluminum Oxide
- Remarks : Pattern 6-Axis Alignment (Under High Vacuum)