

Notion Systems installs an inkjet printing system at ITRI for OLED & QLED R&D

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Notion Systems, a leading provider of industrial inkjet solutions, has successfully completed an installation of an n.jet display system at the Industrial Technology Research Institute (ITRI). The n.jet display system was developed in collaboration with MBraun/Germany and includes a fully integrated inert glove box solution that combines compact design with minimized nitrogen consumption.

ITRI is now using the new n.jet display system to research and develop novel OLED and QLED technologies. ITRI has developed many OLED technologies over the years, and it is now looking to replace vapor deposition and vacuum coating with inkjet printing which could reduce the number of steps, increase material utilization and increase display quality.



Notion Systems' inkjet printing technologies and systems offer the following advantages for the display industry:

- Elimination and/or replacement of various process steps
- Material savings because printing is done only where necessary
- Produce displays with better quality and higher resolutions
- Avoidance of mura effects due to very homogenous printing
- Easy scalability for larger substrate sizes
- Replacing other process steps (e.g., vacuum coating)

Notion Systems – The Future of Additive Manufacturing

Notion Systems is a leading supplier of industrial ink jet printing systems. The n.jet inkjet platform from Notion Systems is used to produce printed circuit boards, OLED & QLED displays, sensors and high-quality 3D parts. Notion Systems relies on decades of experience bringing precise inkjet systems to customers and scaling up digital printing processes for functional materials. Notion Systems is based in Schwetzingen close to Heidelberg - Germany and works together with leading sales and service organizations worldwide with focus on Asia, Europe and North America.

Further information

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