

# Inkjet printer for industrial and R&D scale

All in one advanced materials deposition inkjet tool

## CeraPrinter F-serie

- Printheads
  - Dimatix Print Head Slot
  - Konica Minolta 1024i industrial print head
- Substrate size 305 x 305 mm
- Print resolution <math>< 5 \mu\text{m}</math>
- Equipped with jetting control, post-printing characterization and CAD/CAM software
- 4 point probe characterization
- Post-processing
  - NIR - Adphos
  - UV - LED bar



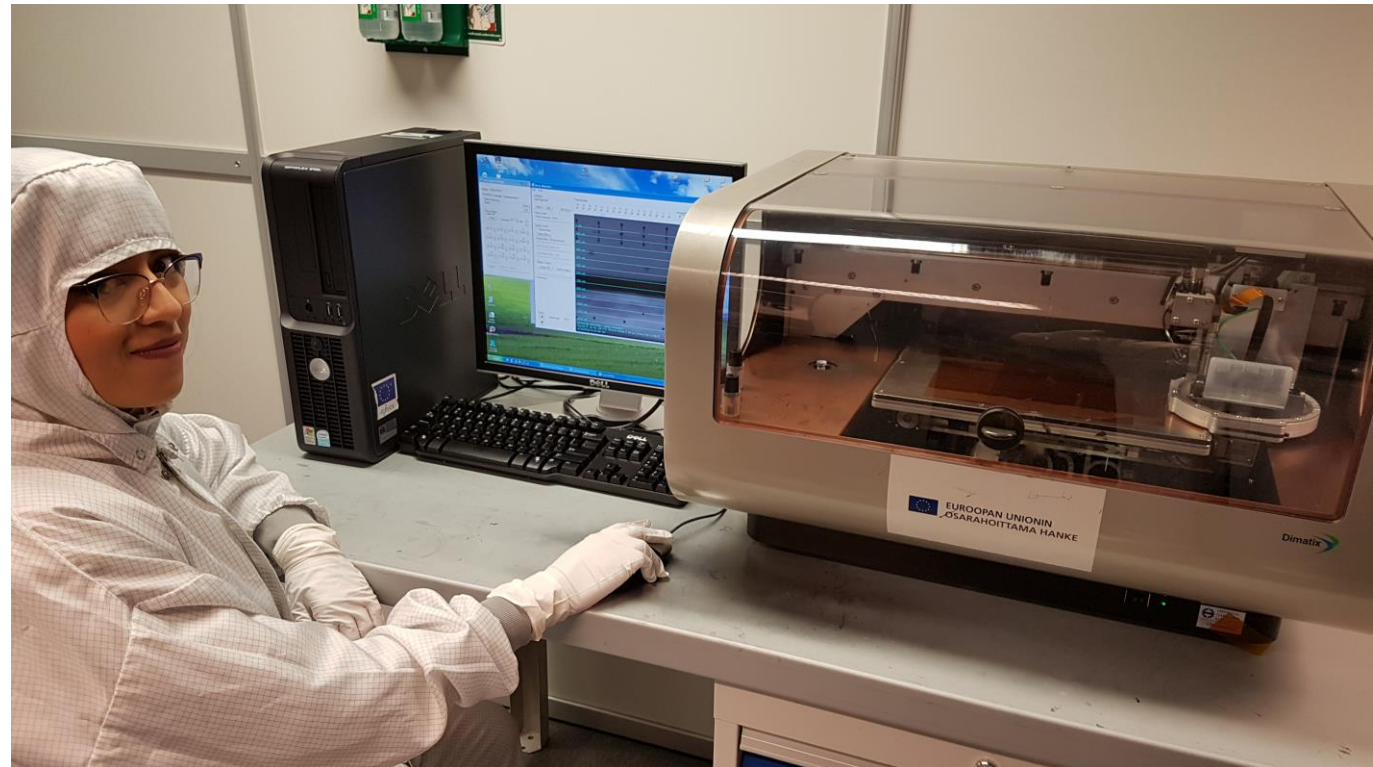
# Ink jet printers for R&D scale

Sheet substrate inkjet deposition system

2 Dimatix printers (DMP-2831 and DMP-2850) at LFE, one in the clean room and one in the nitrogen filled glove box

## Dimatix DMP-2850

- Substrate area 210 x 315 mm
- Repeatability  $\pm 25 \mu\text{m}$
- Built-in drop jetting observation system
- Fiducial camera for substrate alignment and measurement
- Cartridge with 16 nozzles and 1.5 ml capacity
- 1-10 pl (picoliter) droplet volume



# Super-fine inkjet printer

Super fine patterning with electrohydrodynamic jetting technology, commercial version of E-Jet developed by SIJ Technology

## SIJ-S050

- Droplet volume 0.1 fl(femtoliter) – 10 pl(picoliter)
- Single nozzle
- Patterning area 50 x 50 mm
- Repeatability of work stage  $\pm 0.2 \mu\text{m}$

