PRINTING SOLUTION

>> Inkjet printing system

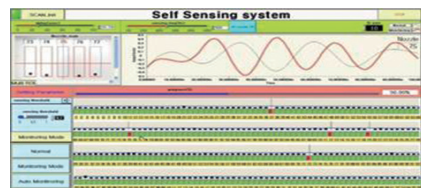## Main features of PS printing system

Built-in CAD software

- Capable of importing CAD file (dxf file)
- Edit imported CAD information
- Sketch mode
- Image printing (bitmap, png, gif, jpg, etc)
- Vector to raster conversion algorithm
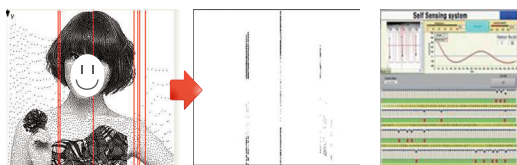- Various CAD command (Line, Arc, Bolck, Undo, Delete, etc)

User defined print resolution

- Multi-nozzle printing algorithm for head tilting or non-tilting for arbitrary print resolution
- Printing patterns using selected nozzle only
- No need for matching between nozzle spacing and image resolution for printing

Jet failure detection by using piezo self-sensin

- zero form factor
- Low cost and high speed scanning
  (scanning time of less than 1 sec for 256 nozzles)

Self-diagnostic algorithm and automatic printing of non-printed area

- Real-time detection of faulty nozzles during printing process
- Identifying non-printed (or location) due to faulty nozzles
- Automatic printing of non-printed area

Specification

Substrate Size	250mm X 200mm (Model : Psjet – 200)
Print resolution	User defined (not related to nozzle spacing)
Printing mode	- Vector or raster printing - Multi-layer printing
Optional	- Substrate / Head heating - Drop watcher - EHD combined system - Faulty nozzle detection by using piezo self-sensing