



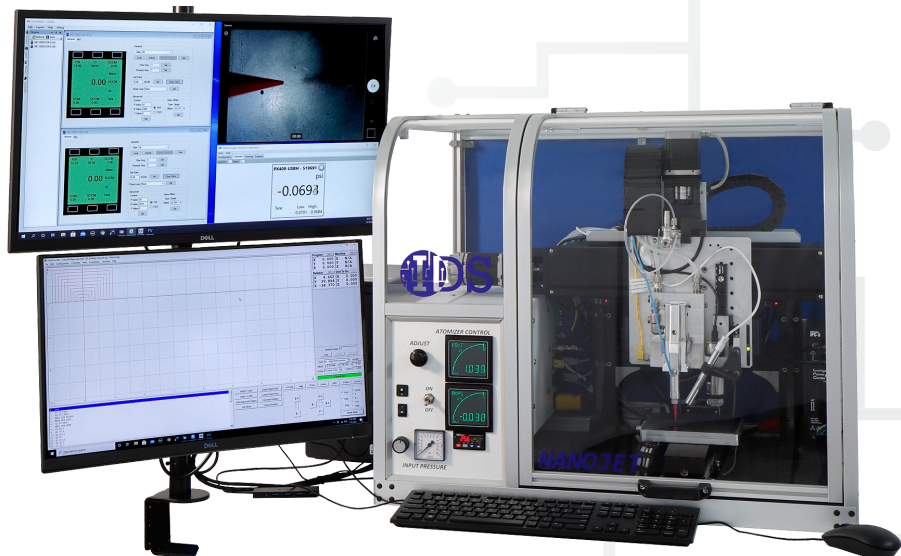
NanoJet™ Desktop Print System

AEROSOL PRINTING MADE EASY

The NanoJet™ Desktop Print System is the leading industry aerosol-based solution for printed electronics and biotech applications, delivering superior performance for a variety of substrate shapes, ink types, and electronic requirements. The NanoJet™ Desktop Print System integrates IDS' highly reliable, next generation aerosol printing technology into a fully functional printer.

Features:

- 300x200x100 mm Travel
- Industrial G-code Control
- CAM Toolpath Generation
- 150x150 mm Heated Vacuum Chuck
- Plug-and-Play Installation
- Compact Print Head



HIGHEST PRINT STABILITY

SUPERIOR LINE WIDTHS

CONFORMAL PRINTING

SATELLITE-FREE PRINTING

NanoJet™ Print System

Point of Use Aerosol generation

Interchangeable Ink Cartridges

Low Cost of Ownership

Easy to Clean

1 or 2 material configuration

Process Capabilities

Inks: Dielectric, Conductive, Resistive, Magnetic

Line Width: 20 - 1,000 micron

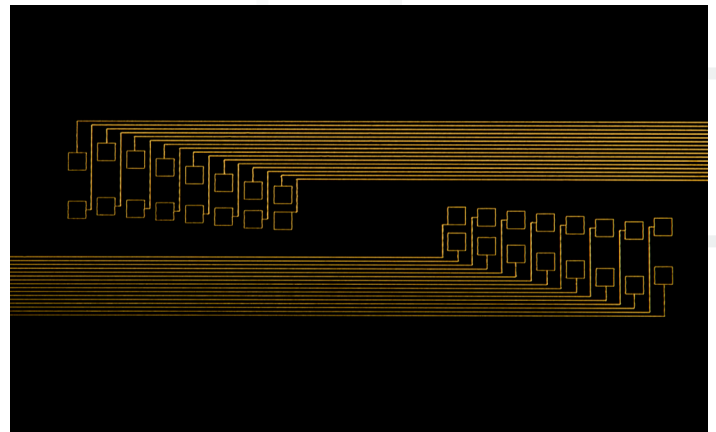
Line Thickness: 100nm - 15µm

Working Distance: 2 – 10mm

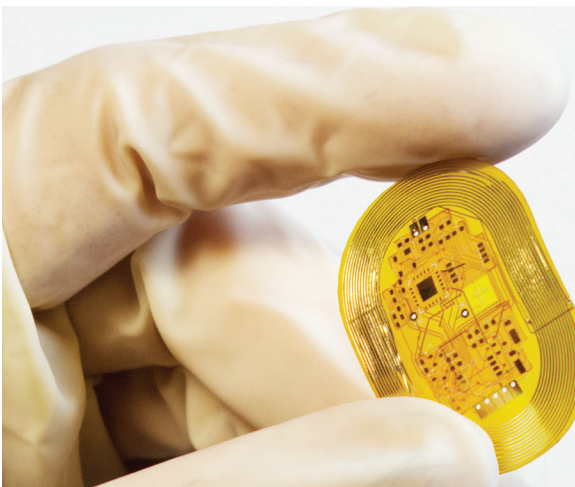
Print Speed: up to 50mm/s



NanoJet single material print head



20 micron aerosol-printed gold lines with 80 micron spacing



Aerosol-printed implantable stimulator with wireless power coupling



Conformal aerosol-printed strain gauge on top of aerosol printed dielectric