



PUSHING THE BOUNDARIES
of functional electronics fabrication

LIQUID X® PROTOTYPING EQUIPMENT

Liquid X®'s new state-of-the-art lab facility provides all the necessary equipment for prototype development of customer products and application-based ink formulation



PRETREATMENT

- + Corona Treatment
- + Plasma Treatment
- + Caustic Treatment

DEPOSITION

- + Inkjet
- + Flexographic
- + Gravure
- + Drawdown
- + Spincoating

CURING

- + Thermal (Hotplate and Oven)
- + IR
- + Xenon Photonic Sintering

FILM/TRACE CHARACTERIZATION

- + Profilometer (Thickness)
- + 4 Point Probe (Sheet Resistance)
- + 2 Point (Resistance)
- + Scrub Testing (Shear Adhesion)
- + Tape Testing (Tensile Adhesion)
- + Electrical Functionality Testing

DURABILITY TESTING

- + Bend Tester
- + Washability Testing
- + Abrasion Resistance

INK REOLOGY DEVELOPMENT & TESTING

- + Tensiometer
- + Densimeter
- + Viscometer
- + Fume Hoods
- + Clean Hood
- + Glove Box

CUSTOM INK SOLUTIONS & PRODUCT PROTOTYPING