jetXpert™ *PrintLab*

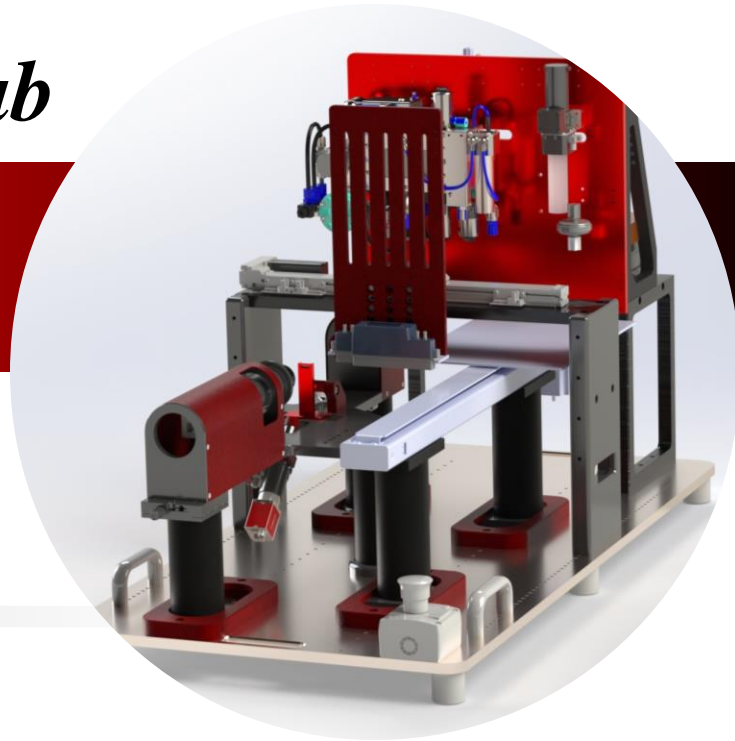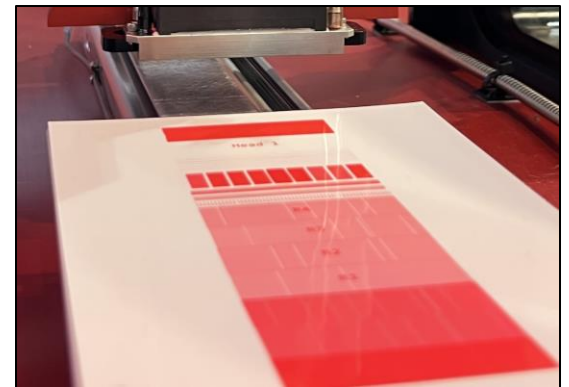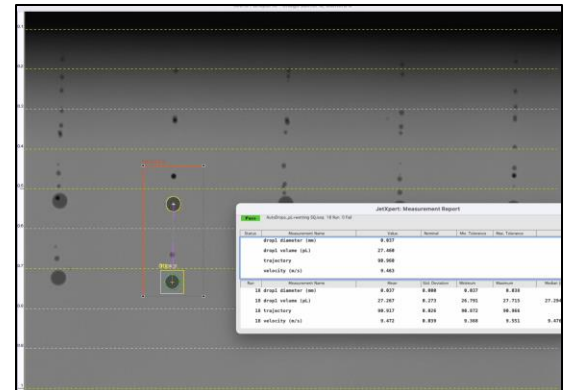**imageXpert®**

Core Features and Benefits

- Versatile platform designed for inkjet R&D, ideal for experiments and proof-of-concept testing.

- Broad compatibility with any ink, substrate, printhead, and ink delivery system to support diverse research needs.

- Modular design for easy customization and retrofitting to adapt to evolving R&D requirements including scanning, UV/Dryer curing, and advanced print inspection.

- Quickly evaluate printhead performance and optimize inkjet functionality with integrated dropwatching and printing.

- Open architecture offers full control over print speed, waveforms, and jetting parameters for flexible experimentation.

- Supports the study of jetting fluids, providing valuable insights into fluid behavior and performance.

Technical Specifications

Maximum Print Size	A4 (210mm x 297mm)
Print Speed	0 – 0.5 m/s
Substrate Hold	Plate included, vacuum clamping or custom fixture optional
Enclosure	Optional system enclosure with safety doors
Dropwatcher	JetXpert Dropwatcher with optional add-ons including Motion and xSweep
Printhead	Configurable with all major industrial inkjet printheads
Drive Electronics	Configurable with drive electronics from Meteor, GIS, AEWA, and others
Ink Delivery System	Configurable with syringe-based, gravity, or recirculating ink delivery systems
Ink Curing / Drying Systems	Universal Compatibility
Machine Vision	Print Quality Analysis optional
Power Requirements	110 / 220V AC 50-60 Hz
System Footprint	500mm x 1000mm
Operating System	Windows