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Development Updates

January 28, 2025

Presented by

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Development Activities

Project Inspector- Turning into Road Map

- Making it easier to make ChromaChecker do what you want to do

ChromaChecker XY Table for automating measurements using CC Sphere and Nix

- Introduced and demonstrated at Printing United- September

ChromaCheck Software

- Print control panel software integrated today with Xerox MFP line, discussing other vendors
- Eliminates need for spectrophotometer at customer site
- 1000+ printers using today

ChromaSpot

- Available for use, ChromaChecker public library, Interest from print manufacturers to use
- Build uniform swatch books using ChromaSpot

Display Inspector

- Co-developer of this tool is being acquired, need to wait for it to complete

ChromaChecker

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XY Table
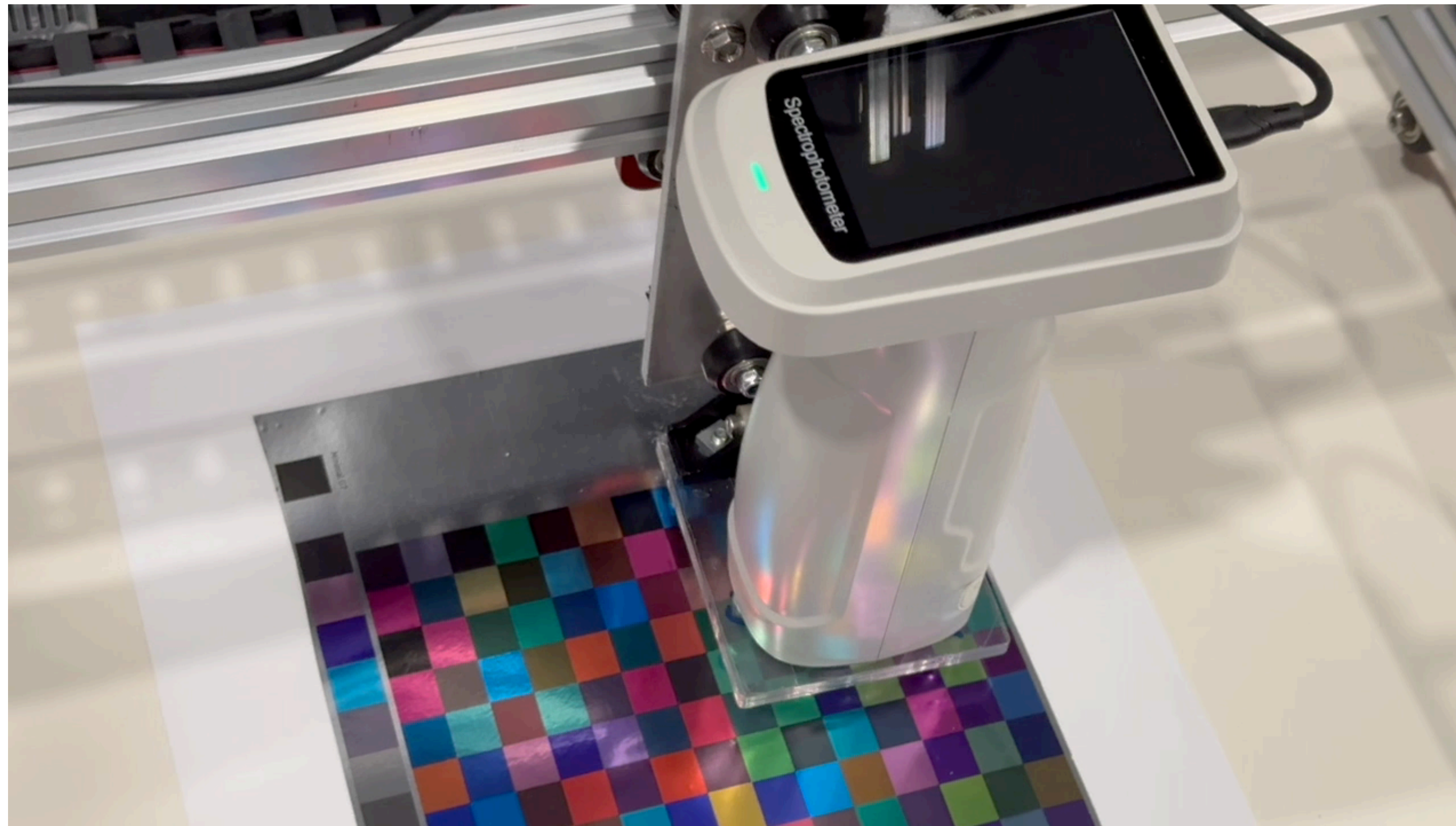
Manufactured an XY Table to work with Sphere and Nix

- Measure unique prints for customers for small fee
- ICC Profiles for foil, fabric, metal, other materials that require Sphere

What it looks like

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XY Table

Manufactured an XY Table to work with Sphere and Nix

- Foil Material with D8 Sphere

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XY Table

Manufactured an XY Table to work with Sphere and Nix

Technical Specification

Physical dimensions: 800 x 510 x 200 mm
    31.5" x 20" x 7.8"
Effective scanning area: 500 x 350 mm
    19.6" x 13,8"
USB Type B connection socket (Mac or Windows)
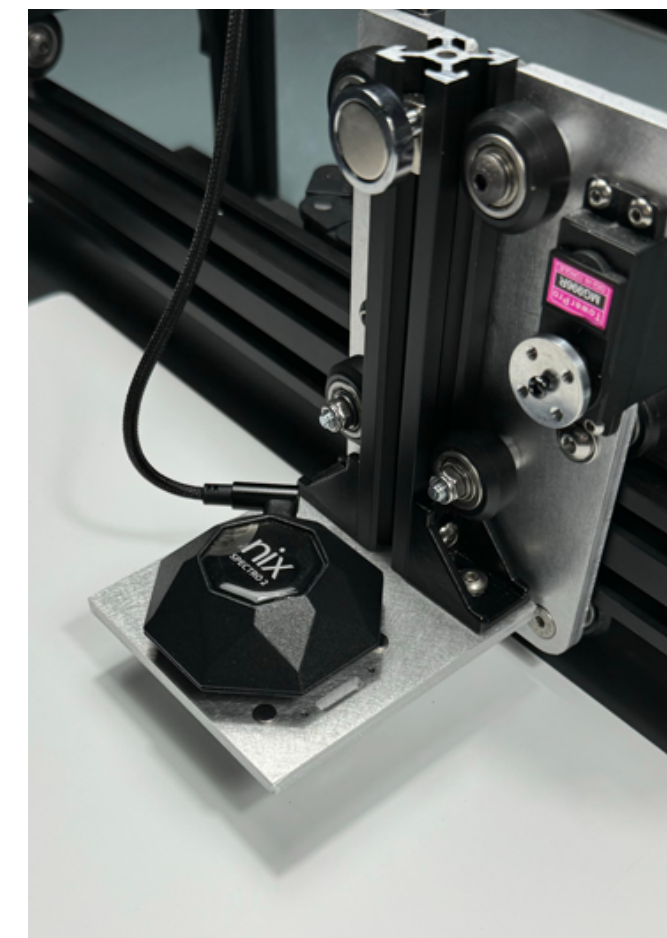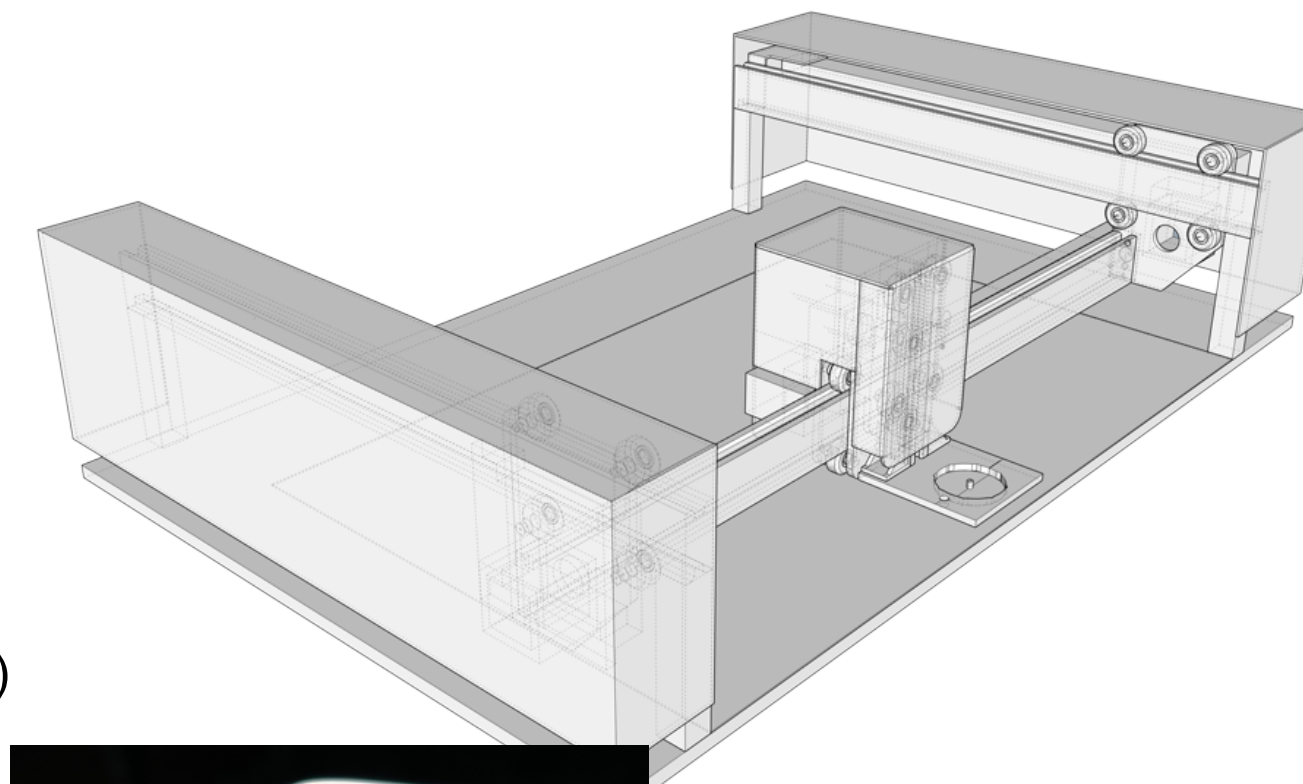CC Capture drives the CC-XY table
Power Supply: 12V 5A

Recommendation patch size/max chart size

CC Sphere 11mm Aperture
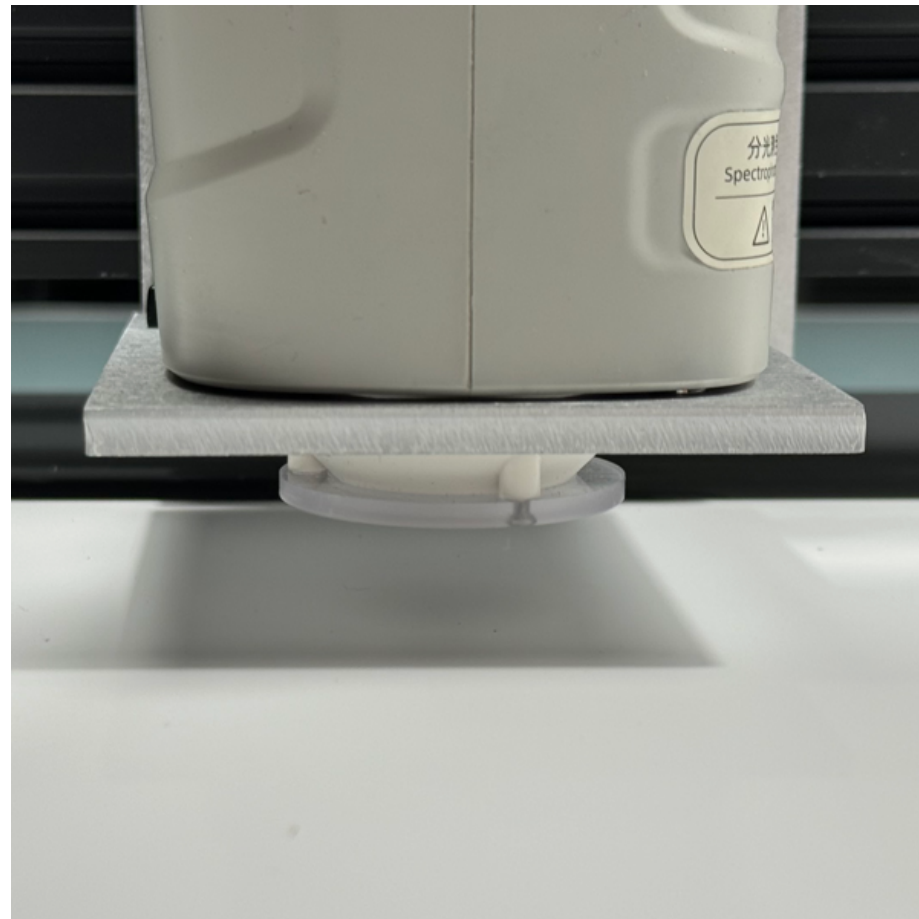patch size: 15x15 mm,
grid 33 x 23 = 759 patches

CC Sphere 6 mm Aperture
patch size: 10x10 mm,
grid 50 x 35 = 1750 patches

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XY Table

Manufactured an XY Table to work with Sphere and Nix

The operator can define both: "up" and "down" positions. That enables adjustment to materials of different thicknesses.

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XY Table Time to Measure

Dependent on Measurement Device and which modes, one or all

- Scanning time depends on instrument setting
  - Example CC Sphere require about 1.5 sec for single M-condition up to 6 seconds to all M-conditions plus time required to move instrument about 2.5 sec./patch
  - Chart with 759 patches (max. recommended for 11mm CC Sphere)
    - Single M-condition mode takes about 50 minutes
    - 2 hours when all four modes are requested.
- Possible to measure a multiple page target in single page formats and merge within ChromaChecker cloud
  - Easy to remeasure a single page, average and merge

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ChromaCheck Software

New Development over the past year

- Printer Control panel app specific to printer manufacturer
- Currently available on Xerox MFP line: PrimeLink, VersaLink, AltaLink (50+ printer models
- Uses Scanner on printer as measurement device

Demonstration

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ChromaSpot Color Library

Have an API for Printer and Software manufacturers

- Intelligent Library, Colors are available in 3 sizes, all spread logically using delta E
    - 4000 colors, 1900 colors or 400 colors
    - Can select only colors in gamut of your printers
    - Definable in any Color Specification- Custom lighting

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Display Inspector

Functional Software for deploying soft proofing across an organization

- Our main developer partner is in transition, we are working with another potential partner
  - On hold for now
  - Call us if you have interest

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What Can We Do Better??

Feedback

- Make software easier to use
- Improve Learning Systems

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