



# nStructor™

The nStructor™ is the ideal entry point for those looking to explore nScript's direct-write and microdispensing technology at a more accessible cost. Designed as a training unit, it allows users to become proficient with nScript's proprietary hardware and software without competing for machine time on high-precision 3Dn, 3Dx, or nRugged™ systems.

With an XYZ travel of 274mm x 240mm x 160mm, nStructor™ mimics the robust functionality of its 3Dn, 3Dx, and nRugged™ counterparts, featuring essential tools like target view and process view cameras. While it lacks the extreme precision of full-production systems, it provides an efficient pathway for R&D labs, universities, and small-scale manufacturers to develop expertise in high-performance additive manufacturing, printed electronics, and advanced material deposition.

Seamlessly integrating with nStudio™ software, nStructor™ supports select nScript tool heads, enabling users to refine workflows in a cost-effective environment. With its plug-and-play setup, users can power it on and start learning immediately.

## Specifications:

Dimensions: 480 x 480 x 600 mm

Weight: 110 lbs./ 50 kg

Electrical Supply: Single Phase, 120VAC, 8A

## Included Accessories:

Target view camera

Vision Pit

Cleaning Station

Enclosure lights

USB Webcam

Process View camera

## Included Toolheads:

nT Dispense™

nT Place™

nT Extrude™

nT Mill™

nT Scan™

## Capabilities:

X/Y Accuracy ± 30 µm

X/Y Bidirectional Repeatability ± 5 µm

X/Y Maximum Speed 180 mm/s

X/Y Travel Range 300 x 200 mm

X/Y Resolution 300 nm

Z Accuracy ± 20 µm

Z Bidirectional Repeatability ± 5 µm

Z Maximum Speed 40 mm/s

Z Travel Range 200 mm

Z Resolution 300 nm

X/Y/Z Print Area (3-axis) 180x150x175 mm

X/Y/Z Print Area (5-axis) 100x100x100 mm



12151 Research Pkwy, #150  
Orlando, FL 32826



info@nscript.com



www.nscript.com