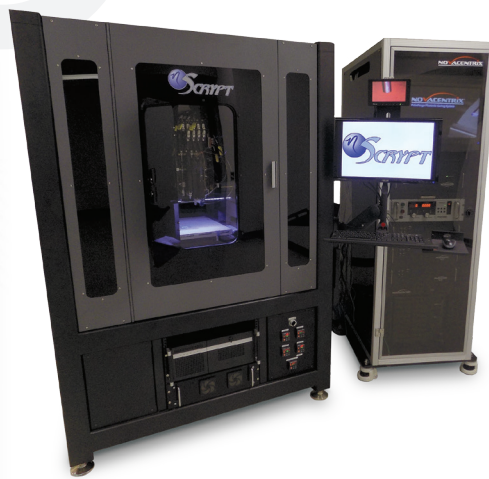




nScript Deposition Platform

3D FABRICATION

predict | test | monitor | measure | modify



This new tool seamlessly combines the multi-material rapid deposition capabilities of filament and paste extrusion from nScript with the ability to process high and low-temperature materials via the integrated state-of-the-art PulseForge® 1300 photonic curing unit from NovaCentrix.

nScript, Inc.

12151 Research Pkwy.
Suite 150
Orlando, FL 32826

T: 407-275-4720

F: 407-275-4759

info@nscript.com
sales@nscript.com
support@nscript.com

NovaCentrix

400 Parker Drive
Suite 1110
Austin, Texas 78728

T: 512-491-9500

F: 512-491-0002

info@novacentrix.com
www.novacentrix.com

KEY CAPABILITIES, WITHOUT REMOVING PARTS, AT SPEEDS BEYOND TODAY'S FASTEST RATES:

- Print both structural and functional materials such as polymers, metals, and ceramics;
- Rapidly switch between dispensing materials on-the-fly;
- Dry and cure materials in situ, achieving instantaneous local peak temperatures beyond 1000C, without damaging adjacent low-temperature materials such as polymers;
- Place active or passive lumped elements semiconductors or resistors, capacitors, inductors and more.

THE TOOL SEAMLESSLY INTEGRATES MULTIPLE EXISTING TOOLS INTO ONE SYSTEM, INCLUDING:

- 1 nFD™ fused filament deposition head
- 2 SmartPump™ micro-dispensing pump heads
- 1 nPnP™ 360° rotatable pick-and-place unit
- 1 nMill™ micro-mill/micro-drill/micro-polisher
- 1 PulseForge 1300 photonic curing unit allowing drying, curing, and sintering of deposited materials