

BIONOVA X Lighting up high resolution, high-throughput bioprinting.

The BIONOVA X is the world's first digital light processing (DLP)-based bioprinter for direct printing in multi-well plates. Print complex 3D structures, with superior resolution, speed, flexibility and scalability from computer aided design (CAD) models or medical images.

The visible light-induced polymerization mechanism also allows for the incorporation of various cell types with biocompatible materials to directly print functional tissue models in a matter of seconds.



TOTAL BIOMATERIAL FLEXIBILITY

Use CELLINK's wide hydrogel portfolio or your own materials.

UNPARALLELED SPEED

Print faster than ever before without sacrificing print fidelity.

AUTO ALIGNMENT

No tedious alignment or focusing processes required.

ULTRA-HIGH RESOLUTION

Print down to 10 μm resolution enabling effortless microarchitecture bioprinting.

LIVE CELL PRINTING

405 nm light source allows for live cell printing and ensures high cell viability.

DIRECT IN-WELL PRINTING

Print directly into 6,12,24 or 96-well plates.

The most extensive portfolio of Photoinks.

BEGIN PRINTING IN NO TIME WITH OUR STANDARD PHOTOINKS

Our standard Photoinks are shipped ready-to-use and have been optimized for speed, accuracy and resolution.

RAW BASE SOLUTIONS FOR TOTAL BIOMATERIAL FLEXIBILITY

Leverage high quality base materials and develop your own photoinks with confidence.



The most extensive portfolio of ready-to-print Photoinks.



BIONOVA X

Advanced Mode

Maximizing your research

Unlock even more functionality with the Advanced Mode on the BIONOVA X. Our latest feature upgrade takes DLP-based bioprinting to unprecedented heights, enabling printing directly into 96 well plates and, for the first time ever, multi-material printing



ENHANCED COMPLEXITY

Couple multi-stiffness with multi-material printing to create a never-before-seen ability to recapitulate in-vivo conditions.



INCREASED THROUGHPUT

With 96-well capabilities, dramatically increase construct output for greater data per experiment.



LARGER PRINTS. BETTER QUALITY

By toggling on layer-by-layer printing, allow for valuable material to return to the print area, enabling improved quality for larger constructs especially when fabricating microfluidic devices.



UNRIVALLED ACCURACY

Advanced Mode unlocks a novel process, ensuring high accuracy printing within 96-well plates and facilitating multi-material printing

PRODUCT NAME	SKU	DESCRIPTION
BIONOVA X Advanced Mode	CL-AC-NOVA-G1-UGK02	Access to Advanced Mode software feature set and compatible hardware.
BIONOVA X 96 Well-Plate Probe	CL-AC-NOVA-PPR-96	BIONOVA X Bioprinting Probe Compatible with 96 well plate format Sterilized (UV irradiated)
Adhesive 96 Well Glass Bottom Plate, 5 pack	CL-CS-PLW-ADH96-5P	Pack of 5 x 96 Well Plate with Adhesive Glass Bottom (Designed for BIONOVA X 3D Bioprinter) Sterilized (UV irradiated) and individually packed
Non-Adhesive 96 Well Glass Bottom Plate, 5 pack	CL-CS-PLW-NA-DH96-5P	Pack of 5 x 96 Well Plate. Sterilized (UV irradiated) and individually packed

* Upgrade package available for existing BIONOVA X customers

Accelerating research with high throughput printing.

REUSABLE PROBES

BIONOVA X specialty probes are the key for multi-well DLP bioprinting and are available for 6, 12, 24 and 96-wells. Each probe comes sterile and is good for 24-hours of continuous, layerless printing. Extend the life of the probe by washing it before printing with different cell types.

MULTI-WELL PLATES

Adhesive plates use unique technology that ensures 3D bioprinted constructs are cross-linked directly at the bottom of the plates, allowing to easily continue with downstream experiments and analysis. Choose non-adhesive plates if you prefer for the constructs to be free-floating.



CONTACT US FOR MORE INFO

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