

The BIO X Series

GEN 3 / RELOADED. REFINED. REIMAGINED

Taking the BIO X family that disrupted the bioprinting industry and elevating it to new heights. With refined manufacturing processes, rigorous quality control and the most advanced bioprinting software to date. Discover the latest generation now.



BIO X

The go-to bioprinter for life-science companies, researchers and innovators.

3 MODULAR PRINTHEAD SLOTS

With an updated design and improved motors, the BIO X comes included with 5 printheads enabling printing from 4°C – 250°C

INJECTION MOLDED ASSEMBLY

Leverage high-end production processes and internal components for a robust and consistent machine.

INTEGRATED TOUCH SCREEN INTERFACE

An anti-glare screen protector and glove-friendly touch screen enables the set up of full bioprinting protocols directly from the system.

TOTAL BIOMATERIAL FLEXIBILITY

Leverage CELLINK's entire portfolio, catering to a variety of applications and ensuring reproducibility. Users may use their own materials if desired.

UL & CE CERTIFICATES

Passed rigorous electrical safety testing and verification ensuring safety and durability.



BIO X6

Elevate your bioprinting workflows. Effortlessly.

6 MODULAR PRINTHEAD SLOTS

Each BIO X6 comes with 5 printheads enabling printing from 4°C – 250°C

VERTICAL MOTORIZED DOOR

to maintain sterility

CLEAN CHAMBER TECHNOLOGY POWERED BY DUAL HEPA FILTERS

Maintain sterility by leveraging built-in dual HEPA 14 filters and UV-C Germicidal Lights

4 LED MODULES

Improved cone-shaped design for focused crosslinking. (365 nm, 405 nm, 485 nm, 520 nm)

MULTI-PRESSURE SETTINGS

Enable multiple material and coaxial printing from every print position.

TEMPERATURE CONTROLLED PRINTBED

from 4°C – 60°C

INTELLIGENT INTERCHANGEABLE PRINTHEADS / Achieve unparalleled flexibility in bioprinting.



PNEUMATIC

Temp: up to 65°C



THERMOPLASTIC

Temp: up to 250°C



TEMPERATURE-CONTROLLED

Temp: 4°C - 65



SYRINGE PUMP

Temp: up to 65°C



ELECTROMAGNETIC DROPLET

Temp: up to 65°C



PHOTOCURING TOOLHEAD

COMPATIBLE WITH

DNA STUDIO 4.0

The most powerful bioprinting software available today.

From model generation to print records, cover the entire bioprinting workflow with the most powerful, user-friendly and versatile bioprinting software to date. **All at the touch of a finger.**

SHAPE GENERATOR

From idea to print.

Shape generator enables users to develop simple 3D models without tedious CAD software. Select from boxes, cylinders and hemispheres and begin your research faster than ever before.

DECODING G-CODE

Say goodbye to tedious G-Code writing.

Develop G-Code directly from an STL or edit effortlessly from within DNA Studio thanks to an integrated G-Code editor. Visualize how your BIO X or BIO X6 will follow the tool path, where your changes are being made and ensure a successful print every time.

DRAW AND PRINT

Limitless possibilities unlocked.

Create complex constructs with your finger. Draw lines, circles, squares and allocate different printheads to develop multi-material constructs with ease.

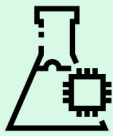
PRINT REPORT

Every step. Documented.

Whether it is for print optimization, publication, or quality documentation. With DNA Studio 4, users can generate print reports capturing every parameter from their prints, exported in a visually appealing format.



COVID-19



BIOSENSORS



MICROFLUIDICS



ORGAN-ON-A-CHIP



MATERIAL SCIENCE



FOOD ALTERNATIVES



DRUG DELIVERY



SOFT ROBOTICS



PHARMACEUTICAL
PRINTING



PERSONALIZED
MEDICINE



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