

# 3DDispense

• Liquid Handling for Life

- *"Innovation is what America does best. Whether it is the Apollo Project to the moon, developing the most advanced defense technologies available,, the rise of the Internet or the latest advancements in biomedical gene therapies, our nation leads the world in transformative innovations." - Martin Heinrich*

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Hello Fellow Innovators,

As we enter this season of giving, we reflect back with gratitude and pride on what we have accomplished together over the past months. Here at **3DDispense** we have created multiple biomedical robots and products and have brought customized requirements to labs around the world. In the New Year, our goal is to continue to work closely with you retrofitting and customizing our **3DDispense NDM-SCR Live Cell Printing Robot** to improve your research and results.

## Why dispense microLiters when you can be dispensing nanoLiters?

With our **3DDispense NDM-SCR Live Cell Printing Robot** you can safely and affordably dispense live cell in suspension with droplets ranging from <10nL to full syringe volumes in a single non-contact dispense. The **NDM-SCR robot** prints cells and scaffolding materials simultaneously, and aspirates and dispenses through actively controlled probes to its customizable 400mm x 400mm printing surface, with 100 mm Z axis, and 0.001 motion resolution. It performs continuous path and point-to-point motions. This robot has adjustable dispense parameters--velocity, volume, number of dispenses per cycle and offers user friendly and programmable function buttons for each dispensing tip. Yes, it can accept membranes, microscope slides, micrometer plates, microfluidic chips, and more! There are probe options for off the shelf pipette tips too.

Lets talk about your application requirement!

[Click here for more technical information.](#)



**Non-contact NanoLiter volume Live Cell Dispensing Robot**

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Meet Richard Parker, *President of **REPCO** Development Technologies*

**REPCO Development Technologies** is a technology consulting firm specializing in the design of fluidics for Life Sciences research, analytical, diagnostic, and medical instrumentation manufacturers. **REPCO** designs, utilizes, and represents only the best technologies in fluid and gas controls, microfluidics, sensing, and printing of cells and biological structures.

**REPCO** sells its line of market-driven dispensing solutions through the **3Dispense** brand of products.

[Go to 3Dispense](#)



We welcome custom requirements and want to take to those of you who are interested in becoming channel partners.

We seek out people who are creating the boldest, most ambitious solutions to humanity's biggest challenges. These forward thinking phenoms are innovators who will shape the future and we look forward to assisting them.

[Visit our website](#)

**3Dispense** - manufacturer of low volume liquid handling solutions to OEM's and researchers worldwide.