

Nanoliter Dispensing Robot with Vision Ensure your dispenses are hitting the target!

Here at **3DDispense** our mission is to provide researchers with cutting edge liquid handling tools for 2D and 3D printing of fluids in volumes that traditional syringe pumps, pipettes and liquid handlers can not achieve.

**Aim, Teach, Print.
Its that easy!**

With the **3DDispense**

NDM-SRC Live Cell Printing Robot, you can be quickly and affordably

dispensing reagents, live cell in suspension, proteins, DNA, hydrogels etc. with droplets ranging from <10nL up to full syringe volumes in a single non-contact dispense.



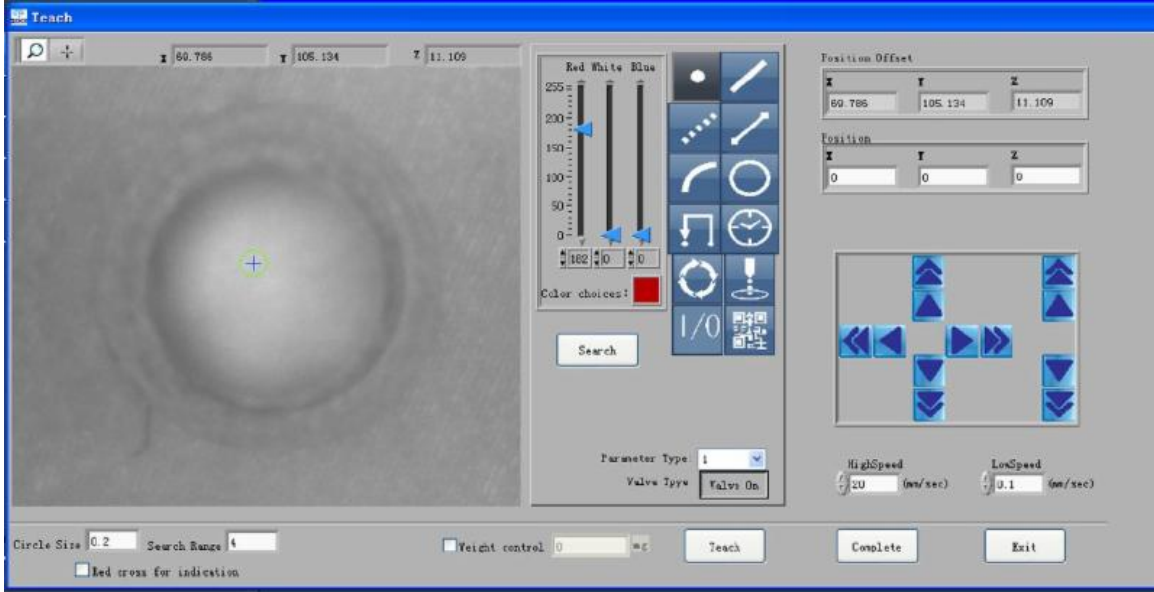
With a 400mm x 400mm customizable printing surface and 0.001mm motion resolution, it can accept microtiter plates, membranes, microscope slides, microfluidic chips, sensors, and more.

Unlike crude pressure driven, 3D printers the **NDM-SRC** utilizes **3DDispense NLDM Nanoliter Dispense Modules** and its unique ability to aspirate low microliter volumes of your precious solution which minimizes cost and waste while dispensing in nanoliter volumes to maximize the number of experiments, provides finer resolution features, and reduces cost per sample. It has easily adjustable parameters such as dispense velocity, dispense volume, number of dispenses, and the time between dispense provides needed flexibility with user friendly and programmable function buttons.

It is simple to program, simple to use, and no long training sessions needed. You can be developing your method and executing your experiment in minutes!

[Click here to watch high speed Hydrogel Dispensing.](#)

(Optional Temperature and Humidity enclosure not shown)



Simple controls:
Select your droplet parameters, (size, velocity)
Aim your starting location
Select custom or pre-programmed routines
Run your routine

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

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

[Visit our website](#)

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