Version 2.9.4
April 1, 2019

Revamped Plate Type Editor

The NT8 **Plate Type Editor** has been greatly improved, making it easier than ever to add or modify plate types. The new **Plate Type Editor** window has been enlarged for greater clarity, and features a revamped design that more intuitively leads you through the plate definition process. Some other improvements include:

- The **Motion Control** panel has been moved to the right side of the window, for easier access when adjusting the X, Y, and Z stage positions.

- Moved the **Number of Rows** and the **Number of Columns** fields out of the **Add Drop** table, and moved them to the **Plate Type Definition** area.

- The Drop Table includes more informative fields that make it easier to define your plate's specifications. The new **Well Width (mm)** and **Well Length (mm)** fields allow you input the dimensions of your plate wells. The old **First Column X (mm)**, **First Column Y (mm)**, and **Depth** fields have been renamed to **A1 - X (mm)**, **A1 - Y (mm)**, and **A1 - Z (mm)** for easier identification, and the **Last Column X (mm)** and **Last Column Y (mm)** columns have been replaced by **Pitch X (mm)** and **Pitch Y (mm)**, respectively.

Minor Software Changes

 NT8 has added several minor changes for better usability. Other changes include:

- Now NT8 will automatically update the **Dispense** volume in the **Task Details** window, based on the previously defined **Aspirate** volume. This helps you easily set the dispensing volume for your protein or reagent without exceeding the maximum possible value.

- NT8 2.9.4 includes a warning message that appears if you assign a High Volume protein block to an aspiration task with a volume of lower than 3 µL (3000 nL). Hover over the **Warning** sign displayed next to the **Aspirate** action column in the task list to view the notification. This way you won't waste protein by using a larger tray than necessary in your experiment.

- In NT8 2.9.4, the automatic humidifier does not stop running if the NT8 is paused due to a delay set in the task list. This ensures that the humidifier continues to run if a task list is being executed. By default, the humidifier stops running if the NT8 is idle for at least five minutes.

Addition

- Added the ability to automatically home all motors whenever the NT8 software is started up.

Change

- Improved the language used in all of the messages that appear in NT8 software.

Fixes

- Fixed an issue where loading an experiment into NT8 from ROCK MAKER that used a plate with less than 48 wells would cause an error.

- Fixed an issue where opening the NT8 software on a computer with non-US regional settings could cause the software to crash.