The VisiView acquisition software allows to translate (in x, y and z) absolute stage positions by constant offsets by editing one of the positions. The typical usage would be to acquire a series of images, to remove the sample dish (e.g., for incubation elsewhere) and then image the same positions again. Using the procedure outlined below, one can also define virtual sample carriers.

1. Store absolute stage positions

Assemble a list of stage positions in the usual way, leaving the "relative" check box in VisiView's stage positions tab unchecked. Acquire the first set of images. Use the upper "Save..." button to store the positions on disk and "Load..." to reload them later.

2. Activate the "relative" option
3. Edit a stage position

Use the "GoTo" button to move the stage to the previously stored position (usually, but not necessarily, the first in the list). Adjust the exact position using the joystick and a mark on your sample which you can safely identify. In the example shown below, the stage was first moved to position 1 \((x = 0, y = 0)\) and moved by 50 units (resulting in stage position with \(x = 50\) and \(y = 0\); the current position is shown in the header of the table). Then click again the "Add" button. The following dialog will appear:

Click "OK". All positions will be adjusted (in the example shown by 50 units in \(x\)):