Pipette’s flow rate for aspirate

P1000-single: Default rate = 137.35uL/s, Range: 0.1 to 1000uL/s

P300-multi: Default rate = 94uL/s, Range: 0.1 to 300uL/s

Pipette’s flow rate for dispense

P1000-single: Default rate = 137.35uL/s, Range: 0.1 to 1000uL/s

P300-multi: Default rate = 94uL/s, Range: 0.1 to 300uL/s

Pipette’s flow rate for blow out

P1000-single: Default rate = 137.35uL/s

P300-multi: Default rate = 94uL/s

Well Bottom Clearance for aspirate

P1000-single: Default = 1mm above well bottom, Range: -38(well bottom) to pipette max height

P300-multi: Default = 1mm above well bottom, Range: -38(well bottom) to pipette max height

Well Bottom Clearance for dispense

P1000-single: Default = 1mm above well bottom, Range: -38(well bottom) to pipette max height

P300-multi: Default = 1mm above well bottom, Range: -38(well bottom) to pipette max height

Gantry Speed

Max speed = 400mm/s (usually default speed)

Axis Speed Limits (Allows you to set the speeds for each individual axis; x-axis (left and right), y-axis (forward and back), and z-axis (up and down))

Max speed = 400mm/s (usually default speed)

Amount that gets mixed

P1000-single: Min 100uL; Max 1000uL

P300-multi: Min 30uL; Max 300uL

How many times to mix

Distance from top of well when executing blow out

-38(well bottom) to pipettes max height

Distance from top of well when executing touch tip

-38(well bottom) to pipettes max height