

Labsystems Multidrop



Manufacturer: ThermoLabsystems
Model Number: Multidrop 96/384/DW
Web Address: www.labsystems.fi

The Multidrop 96/384/DW is a high-speed automated dispenser for 96-well, 384-well and deep-well plates.

Plate Dispenser: Commands

- ▶ **D()** - Dispense the volume set by the V command to the entire plate.
- ▶ **E()** - Empty the pump. A volume of 880ul is pumped backwards.
- ▶ **G()** - Dispense the plate using parameters from the plate switch and the volume/column thumbweels.
- ▶ **M(c)** - Dispense the given number of columns starting from the current column. The dispensing volume is set by the V command. After the command is completed, the dispensing tips remain at the last column dispensed. If this command is received when the plate is in the home position, dispensing starts from column 1.

c	Integer	Specifies the column count. Range of values: 1 to 24 .
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- ▶ **N()** - Report the internal software version of the instrument.
- ▶ **O()** - Drive the plate out to the priming position.
- ▶ **P(v)** - Prime the given volume. For a 96-well plate the volume must be in the range of 5 to 1000ul. For a 384-well plate the volume must be in the range of 5 to 100ul. If the plate is not in the home position when the command is received, it is first driven into home position.

v	Integer	Specifies the liquid volume to be primed. Range of values: 5 to 1000 .
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- ▶ **Q()** - Reset the instrument.
- ▶ **S(c)** - Drive the requested column under the dispensing tips.

c	Integer	Specifies the column count. Range of values: 1 to 24 .
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- ▶ **T(t)** - Set the plate type assumed for all other commands except the G command.

t	Integer	Specifies the plate type. Range of values: 0 to 1 .
V(v) - Set the volume for dispensing. For a 96-well plate the volume must be in the range of 5 to 1000ul. For a 384-well plate the volume must be in the range of 5 to 100ul.		
v	Integer	Specifies the liquid volume for dispensing. Range of values: 5 to 1000 .
Z(s) - Shake the plate the desired amount of time.		
s	Integer	Specifies the time in seconds. Range of values: 1 to 60 .

Plate Dispenser: Errors

-  **ER3()** - Unrecognized command or invalid command argument.
-  **ER4()** - The pump is not primed.
-  **ER5()** - The priming vessel is not inserted into its slot.
-  **ER6()** - Hardware error. Instrument stops and must be reset manually.

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