

# Thermo Multidrop 384



Manufacturer: Thermo Electron Corporation  
 Model Number: Thermo-Electron-Multidrop384  
 Web Address: [www.thermo.com](http://www.thermo.com)

Multidrop 384 helps you to speed up high-throughput screening and microvolume dispensing, offering superior dispensing flexibility for both 384- and 96-well plates. It is ideal for volumes over 20  $\mu\text{l}$ , and dispenses volumes of 5-395  $\mu\text{l}$  in 5  $\mu\text{l}$  increments into 96- and 384-well plates.

## Dispenser: Commands

▶ **Dispense()** - Dispense the whole plate. Primes 10  $\mu\text{l}$  to the prime vessel before dispensing.

▶ **EmptyPump()** - Empty the pump. The volume of 880  $\mu\text{l}$  is pumped backwards.

▶ **DispenseColumns( columns )** - Dispense the given number of columns starting from the current column.

columns	Integer	Number of columns to dispense. Range of values: 1 to 24.
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▶ **UnloadPlate()** - Drive the plate out of the priming position.

▶ **Prime( volume )** - Prime the given volume. For a 96-well plate the volume must be in range 5 to 395  $\mu\text{l}$  increments.

volume	Integer	Volume to prime.
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▶ **Reset()** - Reset the instrument.

▶ **MoveToColumn( column )** - Drive the requested column under the dispensing tips.

column	Integer	Specifies the column to move under the dispensing tips. Range of values: 1 to 24.
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▶ **SetVolume( volume )** - Set the volume for dispensing. For a 96-well plate the volume must be in the range 5 to 395  $\mu\text{l}$ . For a 384-well plate the range is 5 to 100  $\mu\text{l}$ . The volume must be in 5  $\mu\text{l}$  increments.

volume	Integer	Specifies the volume. Range of values: 5 to 395.
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▶ **Shake( time )** - Shake the plate for the requested time.

time	Integer	Time to shake the plate in seconds. Range of values: 1 to 60.
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## Dispenser: Errors

🔥 **DispenseError( alarmMessage )** - Error occurred during command execution.

alarmMessage

String

Error message for the instrument

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