

About



The ThermoFisher Laboratory Automation System (LAS) serves as the cornerstone technology for the Living Biofoundry, enabling execution of automated customized synthetic biology and workflows at >500 samples-per-week. The LAS is equipped with over of over 10 functional instrumental components, including: a state-of-the-art Spinnaker™ microplate robot, automated incubators, reagent dispensers, thermal cyclers, plate sealer, and carousels/racks that are seamlessly integrated through the MOMENTUM™ application programming interface that is fully-compatible with laboratory information management systems (LIMS).

Thermo Scientific Multidrop Combi



The Multidrop Combi is an automatic, programmable, eight-channel microplate bulk reagent dispenser for microvolume dispensing. It can dispense 1 to 8 different reagents from external liquid reservoirs into different rows and can be used in several applications, for example, in drug discovery/highthroughput screening, genomic, proteomic and cell-based assays, and ELISA. It has a volume range of 0.5 to 2500 µl for 96-well plates of heights 5-50 mm.

User Notes Before Use: Place the dispensing cassette tubes in proper position. Ensure that the waste containers are not full.

After Use: Flush out the tubing with deionized distilled water. Place the dispensing cassette tubes in rest position. For more information please read:

[multidrop_combi.pdf](#)

Reference documentation

momentum_6.1_training_module_4_v3_spinnaker_advanced.pdf

spinnaker_user_guide.pdf

30124664_ifu_spark_ref_english_v2_0.pdf

operating_instructions_cytomat_44.pdf

elx405_user_manual_sd-xb000358.pdf

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multidropcombimanual.pdf

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