

AUTOMATED SAMPLE PROCESSING SYSTEMS



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Sample processing is a method to move the individual sample throughout the whole process by transferring them from module to module and at the same time allowing random access to modules. Random access is the ability of a process to perform any requested test in any order. In pre-analytical processes, the samples are collected, transported, and processed which is critical to obtain diagnostic results. The automated sample processing systems provide facilities to forward or move the samples to various modules for individual process steps and to track them throughout the whole process. These help to increase efficacy and reduce errors in the process.

LTHMG14-1 AUTOMATED LIQUID HANDLER

Graphical software interface, easy to understand and easy to edit the instrument built-in user management system, convenient to manage the experimental program

96 channels, 5-200ul liquid volume, perfect to match your different needs

Compatible with most of the SBS standard experimental consumables, sample tube, suction box, microplate, suction tank, liquid injection tank, etc.

Ultra-compact and lightweight design for easy movement in the lab and into other equipment

Set a variety of pipetting functions: liquid suction, liquid separation, blowing sample, mixing, dilution



SPECIFICATIONS

Model	LTHMG14-1
Plate Position	4 pcs
Throughput	96
Pipetting Principle	Replacement of air
Pipetting Volume	5-200 ul
Tips	50ul, 200ul tips to choose
Plate Specification	96-well microplate, 96-well deep hole plate, PCR plate, 8-trip tube, suction tank, injection tank
Function	Aspirate, dispense, blow, mix, dilute
Display	7-inch touch screen
External Size	635x270x555 mm
Packing Size	765x395x680 mm
Gross Weight	33 kg
Power	100 W
Power Supply	100-240V, 50/60Hz



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