

Futurelab

The Futurelab Series
Automated Pre-Analytical Solutions

Futurelab

S₂₅₀₀



The FutureLab Sorter is an automated system to load and sort blood collection tubes by LIS or HIS order. It improves the work flow in clinical laboratories, particularly in the preanalytical phase in the entrance area and it allows laboratory staff to make their time more efficient and concentrate on their main tasks.

User Interface

Simple operation via colored touchscreen.

Available Tubes

The FutureLab Sorter can process and sort all types of primary tubes. Any cylindrical tube with a length of 76 – 120 mm and a diameter of 8 – 19 mm are easily handled by the machine.

Bulk Loader

Easy and continuous sample loading in bulk, with a capacity up of up to 800 tubes.



Sorting

The described tubes are transported with a conveyor and then wipers guide the tubes into target drawers. Unidentified tubes are collected in the box at the end of the conveyor.

Identify Specimen

Identify of tubes occurs by user-defined rules based on cap-color (optional) and/or barcode information or by LIS-transmitted rules.

Continuous Flow

The system works on a continuous flow basis without any interruptions. More specimens can be loaded at any time without stopping the device.

Fast Processing and Sorting

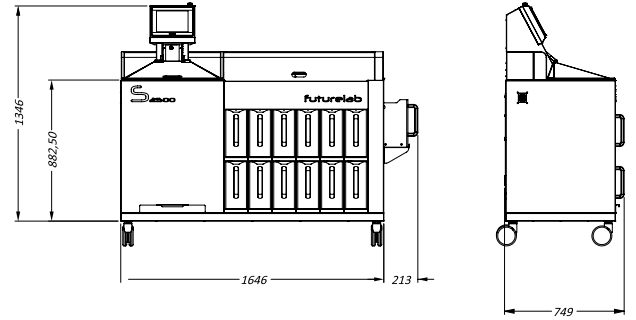
The FutureLab Sorter can process up to 2500 tubes per hour, easily handling the bottlenecks that occur during the peak hours in the lab.

Modular Structure

The structure consists of modules each containing two drawers. With the addition of modules to the system, the system can be reached to the desired number of drawers. There is no limit to the number of drawers.

Specifications

Available tube	Diameter : 8 to 19 mm Length: 72 to 120 mm Stopper: rubber, film, plast
Number of drawer	6 + (There is no limit)
Drawer capacity	200 tubes per one drawer
Processing speed	2500 tubes per hour
Tube capacity	800 tubes + Continuous Loading
Operating unit	Touch-screen with color display
Dimensions	1000 - 1500(W) (6 - 12 Drawers) x 600(D) x 1180 (H)
Weight	145 - 190 kg (6 - 12 Drawers)
Power source	100-240V +- 10%, 50/60 Hz
Power consumption	200 VA
Available barcodes	Code 39, Code 93, Code 128A/B/C, 2of 5, NW7(Codabar), Jan, Interleaved 2 of 5 etc.
Interface	TCP/IP, RS232C, Ethernet, RJ45
Sorting method	Barcode, cap-color (optional)
User Interface	Touchscreen, colored
Material	Stainless steel
Certificates	CE



Futurelab

MS₂₅₀₀



The Futurelab MS2500 is a small and compact desktop system to load and sort blood collection tubes by LIS or HIS order. It improves the work flow in clinical laboratories, particularly in the preanalytical phase in the entrance area and it allows laboratory staff to make their time more efficient and concentrate on their main tasks. Due to its small size, the device provides the perfect solution for small and medium-sized laboratories.

User Interface

Simple operation via colored touchscreen.

Available Tubes

The FutureLab Sorter can process and sort all types of primary tubes. Any cylindrical tube with a length of 76 – 120 mm and a diameter of 8 – 19 mm are easily handled by the machine.

Bulk Loader

Easy and continuous sample loading in bulk, with a capacity up of up to 350 tubes.



Sorting

The described tubes are transported with a conveyor and then wipers guide the tubes into target drawers. Unidentified tubes are collected in the box at the end of the conveyor.

Identify Specimen

Identify of tubes occurs by user-defined rules based on cap-color (optional) and/or barcode information or by LIS-transmitted rules.

Continuous Flow

The system works on a continuous flow basis without any interruptions. More specimens can be loaded at any time without stopping the device.

Fast Processing and Sorting

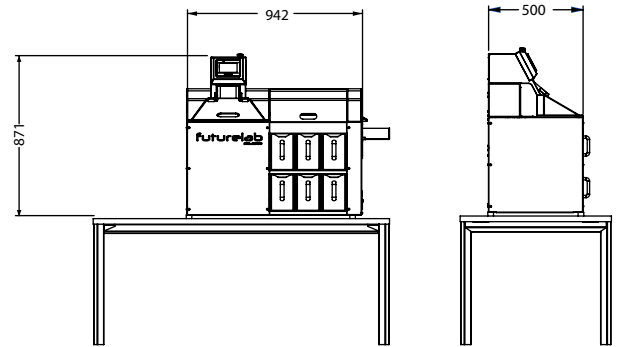
The FutureLab Sorter can process up to 2500 tubes per hour, easily handling the bottlenecks that occur during the peak hours in the lab.

Small Size

The Futurelab MS2500 is a small and compact desktop version of Futurelab S2500. It provides the perfect solution for small and medium-sized laboratories.

Specifications

Available tube	Diameter : 8 to 19 mm Length: 72 to 120 mm Stopper: rubber, film, plast
Number of drawer	6 + (There is no limit)
Drawer capacity	100 - 125 tubes per one drawer
Processing speed	2500 tubes per hour
Tube capacity	350 tubes + Continuous Loading
Operating unit	Touch-screen with color display
Dimensions	942 (W) x 500 (D) x 871 (H)
Weight	60 kg
Power source	100-240V +- 10%, 50/60 Hz
Power consumption	200 VA
Available barcodes	Code 39, Code 93, Code 128A/B/C, 2of 5, NW7(Codabar), Jan, Interleaved 2 of 5 etc.
Interface	TCP/IP, RS232C, Ethernet, RJ45
Sorting method	Barcode, cap-color (optional)
User Interface	Touchscreen, colored
Certificates	CE



Futurelab

L 600



The FutureLab Labeller is an automated system for selecting and labelling blood collection tubes by LIS or HIS order. The Futurelab Labeller helps prevent mistakes and costs; guarantees patient and specimen

User Interface

User-friendly simple operation via colored touchscreen LCD monitor with easy-to-use software.

Available Tubes

The Futurelab L600 Laboratory Tube Labeling System can process all types of primary tubes. Any cylindrical tube with a length of 76 - 120 mm and a diameter of 8 - 19 mm are easily handled by the machine.

Pre-Label Detection

The system detects the leading edge of the tube supplier label to avoid putting the label where it would block the window of the tube. This function enables viewing of the blood volume and quality in the tube.

Continuous Flow

The system works on a continuous flow basis without any interruptions. The device does not need to be stopped to load tubes.



Labeling

There are 2 printers in the system, 1 automatic and 1 manual. 6 types of test tubes in the drawers are quickly transported to the labeling unit and barcoded with an automatic printer. The manual printer manually prepares barcodes for urine and gaita sample cups.

Tray Units

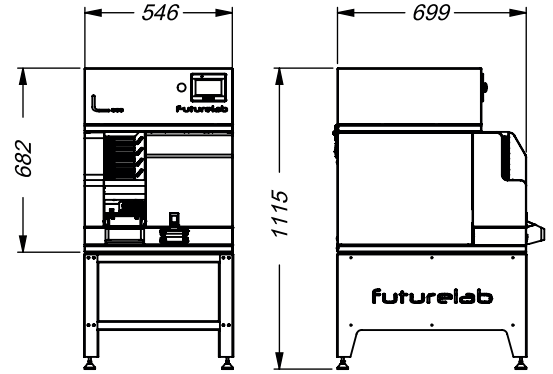
Trays can be loaded easily and unloaded automatically.

Fast Processing

The system can prepare up to 1200 tubes per hour.

Specifications

Available tube	Diameter : 8 to 19 mm Length: 72 to 120 mm Stopper: rubber, film, plast
Number of drawer	6
Drawer capacity	100 tubes per one drawer
Max. variation of tube type	6 kinds of tubes
Tube capacity	600 tubes
Dimensions	546(W) x 699(L) x 682(H)
Power source	100-240V +- 10%, 50/60 Hz
Interface	TCP/IP, RS232C, Ethernet, RJ45, WI-FI
Available barcodes	Code 39, Code 93, Code 128A/B/C, 2of 5, NW7(Codabar), Jan, Interleaved 2 of 5 etc.
Printing	Alpha numeric, Barcode, Rotate (90,180,270 degree) Black & White Inversion, Line and box drawing
Printing method	Direct thermal or thermal transfer
Number of printers	2 (1 automatic, 1 manuel)
Labelling	1200 tubes/hour
Weight	99 kg
Certificates	CE



Design and specifications may be subject to change due to further product development.

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Futurelab

DC-X
Automated Decapper



Futurelab DC-X is an automatic tube decapper that is compatible with all types of analyzer original racks.

Available Tubes

Futurelab DC-X can process all types of primary tubes. Any cylindrical tube with a length of 76 - 120 mm and a diameter of 8 - 19 mm are easily handled by the machine.

Rack Capacity

15 racks can be loaded to the device at the same time.



Tray Unit

The system can work with analyzer trays (tray). Racks with tubes that have been decapped are pushed into the analyzer tray. At the end of the process, it remains to simply take the tray and load it into the analyzer.

Decapping

The system is compatible with all types of analyzer original racks.

Fast Processing

Futurelab DC-X processes up to 2000 tubes per hour.

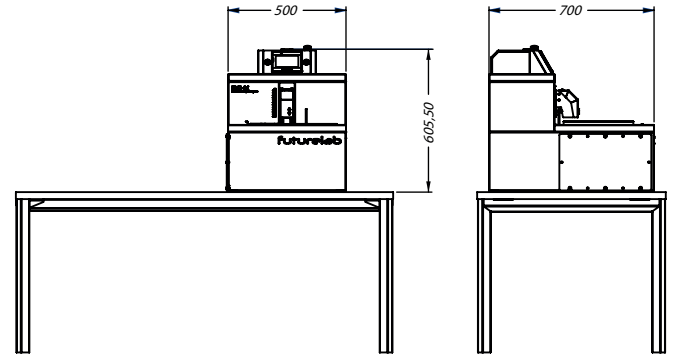
User Interface

Simple operation via colored touchscreen.



Specifications

Available tube	Diameter : 8 to 19 mm Lenght : 72 to 120 mm
Tube loading	Continuous tube, rack loading
Tube loading capacity	15 rack queue
Processing speed	2000 tube / hour
Tube on-hold capacity	15 rack queue
User interface	Touchscreen, colored
Dimensions	50 (E) x 70 (B) x 60 (Y) cm
Weight	35 kg
Power source	100-240V +- 10%, 50/60 Hz
Power consumption	200 VA



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