

Futurelab

S₂₅₀₀



The Futurelab S2500 Tube 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 S2500 Tube 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.

High Tube Capacity

Easy and continuous sample loading in bulk, with a capacity up of to 800 tubes. Depending on the tube size each target bin holds about 250 tubes.

Continuous Flow

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

Sorting

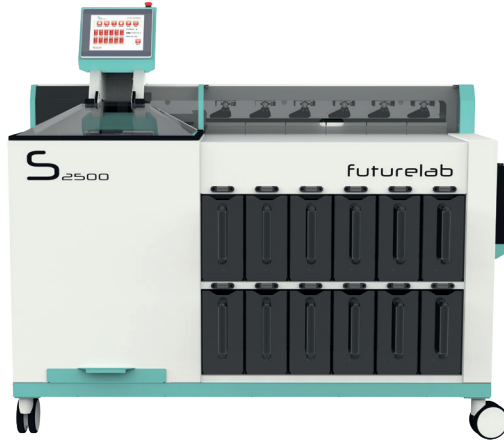
The defined tubes are transported by a conveyor and then directed to the target drawer with the help of gates. Unidentified tubes are collected in the box at the end of the conveyor.

Sample Determination

Identification of tubes takes place through user-defined rules based on cap color (optional) and / or barcode information or rules transmitted by the LIS.

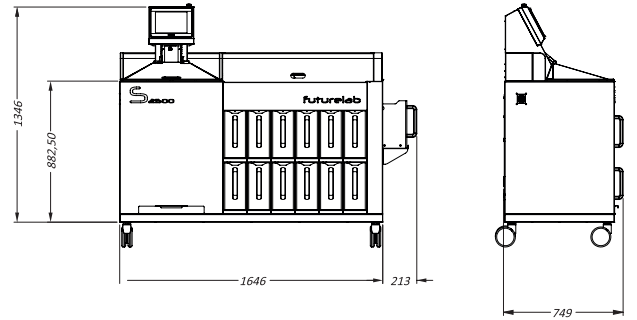
Fast Processing

The Futurelab S2500 can handle up to 2500 tubes per hour and can easily handling blockages that occur during peak hours in the lab.



Specifications

Available tube	Diameter : 8 to 19 mm Length: 72 to 120 mm Stopper: rubber, film, plast
Number of sorting targets	12 + 1
Target bin capacity	250 tubes per one target bin
Processing speed	2500 tubes per hour
Tube capacity	800 tubes + Continuous Loading
Operating unit	Touch-screen with color display
Dimensions	1859(W) x 749(D) x 1346(H) mm
Weight	220 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, USB Memory
Sorting method	Barcode, Cap-color (optional), Patient request (LIS)
User Interface	Touchscreen, colored
Noise level	< 54 dB(A)
Certificates	CE



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

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