

ENERGIUM

Tube Sorting System

Automatically
sorts tubes

Ver1.4



Tube Sorting System

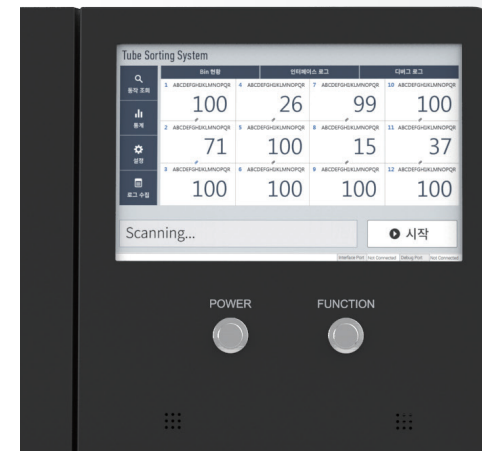
TSS automatically classifies tubes by sorting them by test department based on test information recorded in the Laboratory Information System (LIS).

By automating tube sorting, TSS prevents human errors, shortens sorting processing time, and improves work efficiency.



Touch LCD

- Monitoring the quantity and condition of tubes sorted in each bin
- Display of alarms and errors occurring in TSS system
- The camera viewer displays the image of the sample tube inserted into the equipment in real time.
- Sensitivity and detection by sensor
- Touch control panel to perform common tasks such as turning the device on, off, pausing, and searching



Hopper

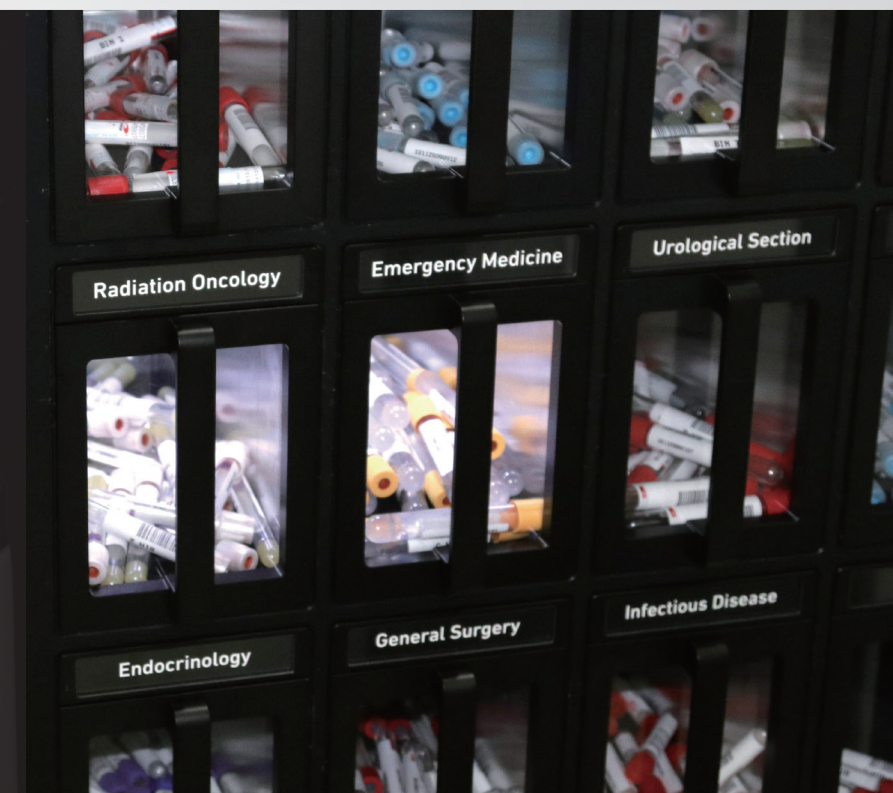
- Insert the tube that needs sorting into the hopper
- Automatic sorting of tubes into bins set for each department
- 500 tubes can be inserted
- Compatible with various transfer systems



Bin

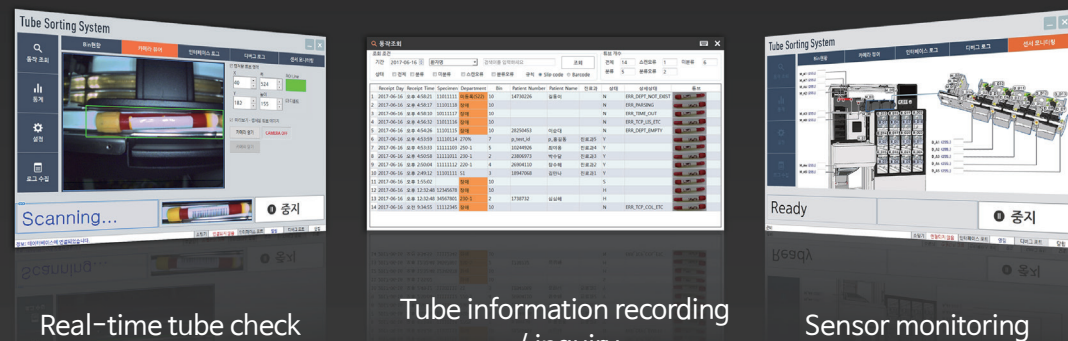
- Storage of sample tubes that have been classified according to the classification method set by the user
- 150 tubes in each bin
- A total of 12 bins (11 tube bins, 1 error bin) are provided, 6 types can be expanded
- Bin name can be set (tube name or department name)

*Error bin stores tubes that are unclassified or causing scan errors.



Sorting tube record management

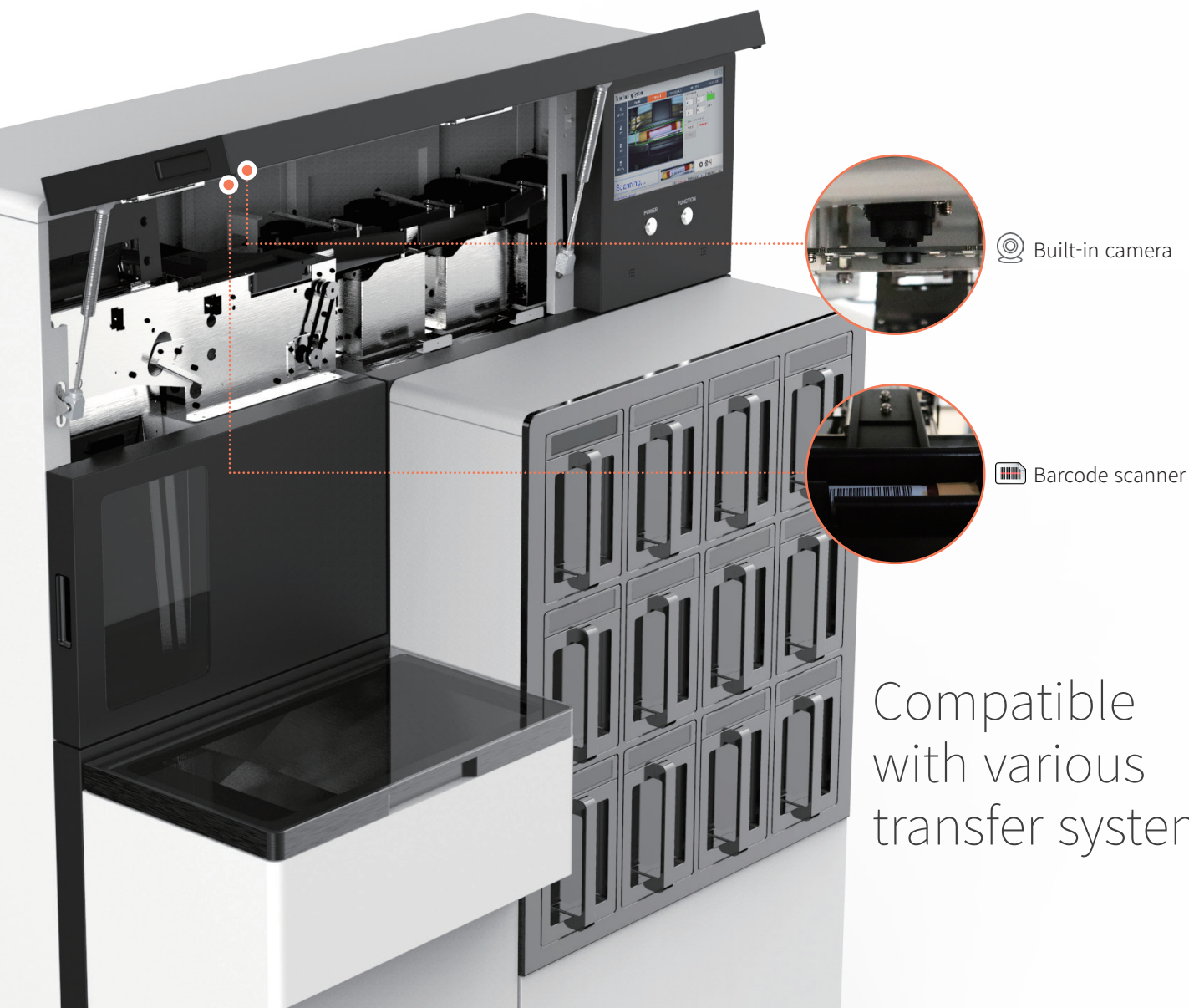
- Take a picture of the sample tube through the built-in camera and stores it
- It is possible to check the sample tube put into the equipment in real time
- Tube information inquiry



Real-time tube check

Tube information recording / inquiry

Sensor monitoring



Built-in camera

Barcode scanner

Compatible with various transfer systems

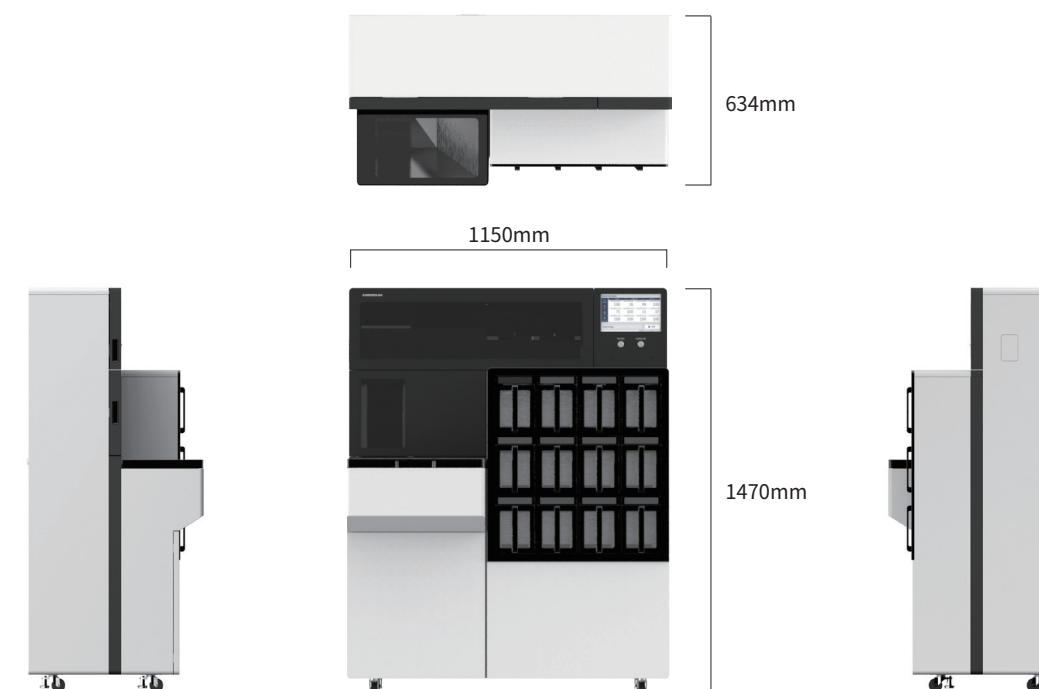
Tube Sorting System

Specifications

Category	Specifications	Category	Specifications
Model Name	TSS (Tube Sorting System)	Display	10.1 Inch Touch Screen
Speed	1,500~2,000 Tubes per hour	Product Dimension	1,150(W) x 1,470(H) x 634(D) mm
Barcode Scanner	1D-barcode scan & Color Camera	Product Weight	120kgf
Compatible Tube Types	Diameter : 12~19mm / Length : 75~120mm	Power	DC 24V, 6A
Tube Bin	Quantity : Tube Bin 11, Error Bin 1	Bulk Sorting Bin Capacity	500 Tubes
	Capacity : 150 Tubes per sorting container	Certification	CE, KC, RoHs
	Expandability : Max 6 Types(Optional)	Interface	RS232(Optional)

*Above specifications are subject to change without notice.

Dimensions



TSS

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