

# TECHNICAL SPECIFICATION

Physical specifications		
Instrument size	Depth/Width/Height	60×70×160 cm
specifications	Loading pattern	Random
	Barcode registration	Available
	Sample tracking	Available
	Receiving stations	Receiving boxes
	Transport speed	1000 pcs/hr (continuously)(a distance of 100 m)
	Transport line length	100~800 M
	Multiple transport lines	1-12 lines
	Expandability	Up to 12 lines
	Operation interface	15 Inch Touch Screen
	STAT sample process	Prioritized line
	Supported sample tubes	12-20 mm (Diameter)
	LIS connection	Available

**AC1000**



**Air Carry**

Vacutainer tubes  
pneumatic delivery system



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## Air Carry AC1000S



- 9 Provide a programmable controller to setup sample landing parameters with different modes and speeds to avoid hemolysis.
- 10 Deliver continuously up to 1000 sample tubes per hour . Simultaneously several samples can be placed in the system.
- 11 AC1000 uses vacuum pump not air compressor to transport samples, and occupy less lab space.
- 12 Connect to LIS (Laboratory Information System) through barcode information to perform automated samples sorting and transfer samples to the defined receiving stations.
- 13 Transport speed : 1000pcs/hr (100 m).

User-friendly software interface.  
Excellent real-time traceability of lab samples.



- 1 Load sample tubes manually or automatically through a conveyor belt. Sample tubes are separated and adjusted orientation while moving them to the subsequent system .
- 2 The hopper can hold up to 50~70 pcs. (capacity expandable)
- 3 Compatible with sample tubes from: 12-20 mm (Diameter)
- 4 Single-Line is basic. Could expand transport lines up to 12.
- 5 Allow samples to be transferred to the same or different locations.
- 6 Reserve a prioritized line for STAT samples.
- 7 Transport lines have individual receiving boxes. Samples could be separated from different sending stations.
- 8 Performs automated sample registering, real-time sample tracking and delay reminder when timeout.



pcs

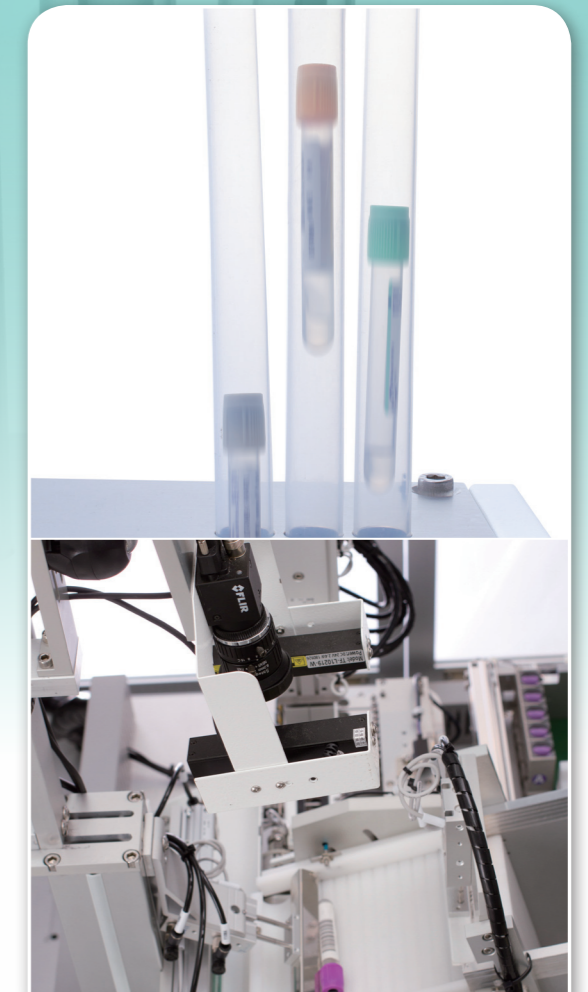
Extender



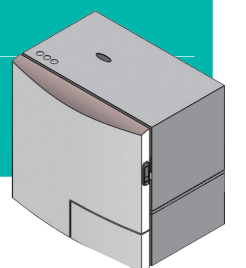
Sample tubes loader  
Capacity: 50~60 pcs



- Up to 3 / 6 / 9 / 12 transport lines
- Transport lines have individual receiving boxes. Samples could be separated from different sending stations.



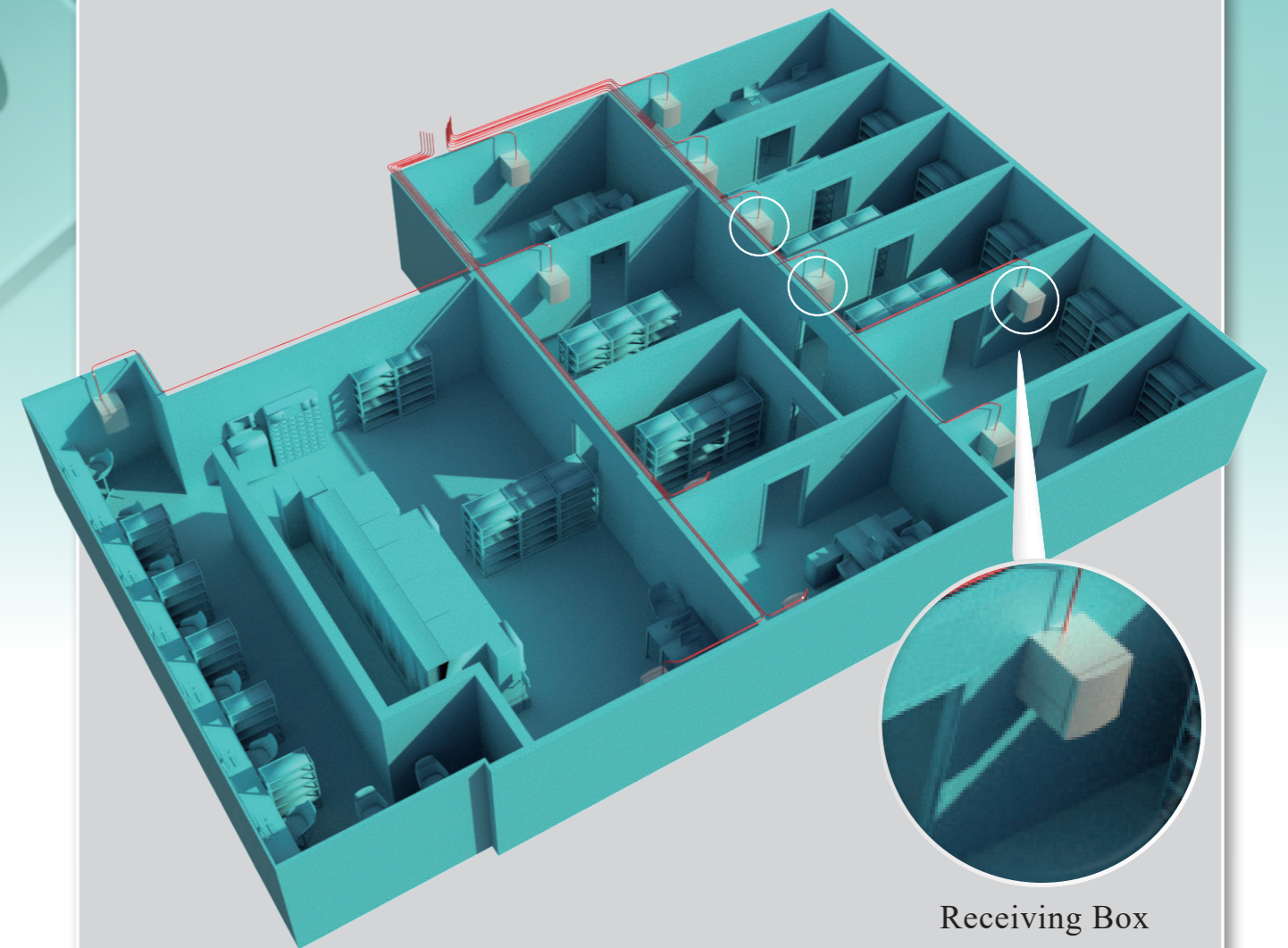
- Provide multiple transportation lines to transport samples simultaneously and reserve a prioritized line for STAT samples.
- Automated sample log-in and tracking.
- A receiving box.





Through multi-lines transport sample tubes to Automatic Sorting & Registering System.

# Instance



Transport lines can be lined to several sending stations.