

Smart Labeling System

>>> KJLS-I Smart Labeling System



Features:

KJLS-I smart labeling system is installed at blood collection windows for outpatient service and ward nursing work station. It's connected to HIS or LIS system and can get the patient information and testing items by reading the patient ID card. By one-touch operation, it can print out the barcode label with patient information and stick the label onto related blood collection tubes accurately. Intelligent labeling for specimen collection containers provides ideal software and hardware support for Standardizing specimen management and avoiding mistakes in manual operation. It's an essential tool for standardization, informatization and intelligentization in hospitals and labs.

- Desktop design, smart and reliable. The whole system can work with only one labeling machine, or with more machines together, which is applied to any blood collection department in hospitals.
- If the hospital need more than one labeling machine, all the machines can be combined together with the queuing machine to assign patients to all the blood collection windows with principle of "First come, first serve", then it can keep the blood collection process well-organized and accurate.
- Based on Windows system and its PnP design, any medical staff can get adapted to the machine easily, which will greatly improve the working efficiency.
- 8 loading channels permits 8 types of tubes, which provides the hospitals with more choice.
- One channel can hold 30 tubes. This large capacity design can reduce the trouble of frequent tube loading.
- Based on HIS/LIS system and special requirements of the hospitals, the labeling machine can choose right blood collection tubes automatically and avoid mistakes by human operation.
- Premium moisture and wear resistant label carries out more precise and clearer barcode printing. Accurate label sticking position also can be guaranteed, thus the identification rate will be greatly improved.
- Precise controlling on label sticking position can leave graduation lines or marks of the original manufacturing label uncovered, for easy observation of blood volume.



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KJLS-I Working process:



- ① Various Input devices are available for reading patient information: Barcode scanning, ID card scanning and keyboard entering, etc.
- ② The computer obtains test items information from LIS system, and give a printing order to KJLS-I labeling system at same time.
- ③ The labeling machine chooses the right tubes and sticks label automatically.
- ④ Labels will be printed and stuck on right position, with leaving graduation lines or marks of the original manufacturing label uncovered.
Secondary printer is used for printing labels of urine/stool/sputum containers. Labels need to be peeled and stuck to containers manually.

Working process of the labeling and queuing machine management system:



Application places:

Applicable to the hospital wards of all grades, scattered clinic blood collection points, CDC, medical center, emergency center, blood bank, independent laboratory.

KJLS-I Technical parameter:

Label speed	5PCS/min
Blood collection tubes channel volume	30PCS×8 channel
Interface type	RS232
Human-computer interaction	3.5 inch touch screen
Print type	line thermal printing
Print resolution	384 dpi
Label size	31×50mm
Supported bar code type	Code128, Code 39, Code25-ITF, Code bar NW-7, JAN etc.
Label format	Code, text, symbols can be rotated in the direction of 90/180/270 degrees
Other label print	all bar code labels used for specimen collection container, 31×50mm
Software operation platform	Windows operation platform
Power supply parameters	AC220V 50/60Hz, 300W
Dimension and weight	610×480×475mm, 45Kg

Information of Queuing management system:

Outer appearance	Floor-standing ticket cabinet
Inputting method	Optional card reader, or Infrared scanner
Display screen	Touch operation mode
Number output	Thermal printing label
Blood Collecting window screen	LED display, one screen/window