



Vacuum Blood Collection Tube Production Line



The blood collection tube production line includes tube loading, Chemical dosing, drying, stoppering & capping, vacuuming, tray loading, etc. Easy & safe operation with individual PLC &HMI control, only need 2-3 workers can run the whole line well. Compared with other manufacturers, our equipment has unique features, including overall dimension smaller, higher automation & stability, lower fault rate and maintenance cost, and etc.

Advantages

1. High capacity 15000-18000 pcs/hour
2. High automation, reasonable operation process and optimization of integration, 2-3 skilled operators can manage the whole production line smoothly from tube loading to finished product outputting
3. Suitable for vacuum and non-vacuum blood collection tube, and we can customized for customer share use in one line.
4. Intelligent & Humanized Operation System. Humanized design for each station , PLC +HMI control.
5. Blood collection tube production line whole line have process quality control. Multi-aspect detection, such as the reversed tubes, missing tubes, dosing, drying tem-perature, cap in position, foam tray loading etc. Ensures the high qualified rate
6. Three Dosing System. Accurate dosing, 3 sets dosing system which can meet different additives/reagents production requirements.
7. Advanced Interlaced Tray Loading Technology. Newest technology with the function of interlaced loading and distance adjusting automatically. Applied to both type of the rectangular and interlaced foam tray.

8. High Vacuuming Qualified Rate. With unique design of spring-type tube racks. The vacuum degree can be set on touch screen easily and accurately, the corresponding vacuum degree can be automatically set according to the altitude of user's region.

9. High Quality Structure: Main body adopt high quality steel for weight bearing, surface and frame adopt the high quality stainless steel for easier cleaning. Meet GMP standard

Technical Parameters

Applicable Tube Size	Φ13*75/100mm; Φ16*100mm
Working Speed	15000-18000pcs/hour
Dosing Method and Accuracy	Anticoagulant: 5 dosing nozzles FMI metering pump, error tolerances±5% based on 20μL Coagulant: 5 dosing nozzles precise ceramic injection pump, error tolerance±6% based on 20μL Sodium Citrate: 5 dosing nozzles precise ceramic injection pump, error tolerance±5% based on 100μL
Drying Method	PTC heating with high pressure fan.
Cap Specification	Downward type or upward type cap according to customer's requirements.
Applicable Foam Tray	Interlaced type or rectangular type foam tray.
Power	380V/50HZ, 19KW
Compressed Air	Clean Compressed Air Pressure 0.6-0.8Mpa
Space Occupation	6300*1200 (+1200) *2000 mm (L*W*H)
Note: As products are constantly updated, please contact us for latest specifications. ***	