Blood Thaw Machine

Introduction:

Blood Thaw Machine is suitable for blood centers, clinical transfusion departments, hospitals, blood products production units, using microcomputer control, temperature digital display, arbitrary setting, automatic constant temperature, swing function. Widely used for the rapid melting of frozen blood components and biological products. Applicable to hospital blood testing department, blood centers, blood banks and other industries.

Features:

* High definition touch screen, sensitive operation.
* Real-time temperature curve display.
* Traceability management system, real-time record storage temperature data in the melting process.
* A variety of thawing modes are available to adapt to thawing and rewarming of frozen plasma, platelets and blood products with different volumes.
* Double circulation system, more constant temperature in the melting process, effectively eliminate the precipitation of fibrin, protect the active components of plasma.
* Disintegrated water tank, convenient for regular deep cleaning and disinfection of equipment.
* Equipped with a code scanning device, which can scan and record the thawing data of each bag of plasma, including thawing start and end date, time, and temperature data information during thawing.(Optional)
* Standby automatic water refill, one key cleaning function, with temperature and water level protection function. (Only for BJPX-PT12 and BJPX-PT24)
* Dual use of one machine to realize the fast switching between dry and wet thawing. (Only for optional isolated water type)
* The waterproof bag is made of medical composite material, which ensures the thermal conductivity of the thawing bag and the contact area between the thawing bag and the plasma bag. (Only for optional isolated water type)

Technical Parameters:

Model	BJPX-PT6	BJPX-PT12	BJPX-PT24
Thawing Type	Standard: Water bath type Optional: Isolated water type		
Temp. Range	37.0±3.0℃		
Temp. Resolution	±0.1℃		
Water Storage Capacity	20kg±5%	58kg±5%	98kg±5%
Max Thawing Quantity	6pcs	12pcs	24pcs
Thawing Time	≤16min, from -20℃ to thawing situation		
Ambient Temp.	18~30℃		
Consumption	1000VA	2000VA	3600VA
Power Supply	Standard: AC220V, 50/60Hz; Optional: AC110V, 50/60Hz(External transformer)		
External Size(W*D*H)	550*500*470mm	600*540*970mm	720*600*990mm
Package Size(W*D*H)	670*620*695mm	744*714*1200mm	860*745*1210mm
Net Weight	25kg	55kg	80kg
Gross Weight	42kg	75kg	105kg

Introduction:

BJPX-PT8 is suitable for blood centers, clinical transfusion departments, hospitals, blood products production units, using microcomputer control, temperature digital display, arbitrary setting, automatic constant temperature, swing function. It is widely used for the rapid melting of frozen blood components and biological products.

Features:

* Special shape design of main control panel, easy to observe, control, ergonomic.
* Microcomputer PID precision temperature control technology, high temperature control precision.
* Digital display temperature, swing frequency, time.
* The liner is made of high quality rust-proof wire drawing stainless steel.
* Configuration of leakage current, overvoltage protector.
* With overtemperature alarm, the temperature in the box exceeds the set temperature 1℃ will start the alarm.
* Independent overtemperature control system design, with double protection function, to ensure the safety of use.

Technical Parameters:

Model	BJPX-PT8
Display	Touch screen
Temp. Range	37.0±1℃
Temp. Resolution	±0.1℃
Thawing Quantity	3 layers(1~12pcs)
Swing Frequency	60±5 times/min or Automatic frequency modulation
Swing Mode	Continuous left and right reciprocating, horizontal swing
Thawing Time	≤16min, from -20℃ to thawing situation
Ambient Temp.	18~30℃
Power Supply	Standard: AC220V, 50/60Hz; Optional: AC110V, 50/60Hz(External transformer)
Internal Size(W*D*H)	298*238*233mm
External Size(W*D*H)	832*558*498mm
Package Size(W*D*H)	935*665*665mm
Net Weight	60kg
Gross Weight	80kg

Note: The relevant data were measured when the ambient temperature was 25°C and the relative humidity was less than 85%.