

Shaking Water Bath

YCW-06S

Plasma Thawing Machine

H.S. Code 9027.80.90.90

GMDN Code 42438

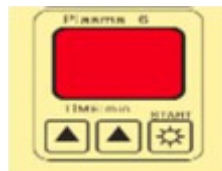


(Choice of 6-unit bags or 8-unit bags)

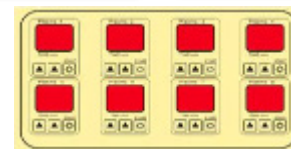
6 brackets



8 brackets



Display



8 controlled Units

Intended use :

This equipment provides a safety heating and stabilized temperature within the range from slightly above to 49.9°C. Ideal for chemical, biological, clinical and laboratory applications. It is also applied to defrost the frozen blood products including plasma and other medical, biological and scientific products. Clinical purpose: Thawing liquefaction of the frozen plasma at controlled temperature of +37°C±0.5°C and controlled time duration thus maintaining the properties of clotting factors in the plasma.

Rechargeable Lithium-ion Battery: (Programmable Memory)

In case of power failure, the built-in battery can activate and store the preset temperature and passed time. Once power supply resumed, temperature starts to heating and stabilize at the preset point, then Timer counts down the remaining time. User does not need to reset the temperature and timer, not need to press 'ON' or any other buttons. Equipment will activate to work automatically.

Specifications :

Model	YCW-06S
Overall dimension (±10mm)	690 x 450 x 460mm approx.
Basket dimension (±5mm)	140 x 90 x 250mm
Maximum capacity	6 or 8 bags, 250ml ~ 500ml each
Gross weight	31 kg
Shaking stroke	20mm reciprocal per cycle
Shaking speed	Fixed at 80 ~ 100 rpm
Defrost temperature	34°C ~ 37°C
Defrost time	15 ~ 20 minutes from the 36.5°C
Ambient temperature range	15°C ~ 32°C (Do not exceed 37°C)
Working range	Ambient ~ 49°C
Temperature accuracy	±0.1°C at 36.5°C
Temperature stability	±0.1°C at 36.5°C
Temperature resolution	0.1°C
Timer	Digital 99 minutes adjustable
Temperature control	PID
Temperature sensor	PT-100
Water circulation	Yes, water stirrer
Water drain	Yes,
Overheat alarm	Yes, alarm + cutout
Sensor error alarm	Yes alarm (Er 2)
Double safety device	Relay to shut out when overheating
Low water level alarm	Yes alarm (Er 1)
Heating element	1000W. Stainless steel sheathed,
Power source	115V/60 Hz, or 230V/50Hz;
Standard accessory	Gable Lid, Basket x6, Safety Bag x100

Features:

Temperature:

- Memory presets temperature at 36.5°C and 15 minutes easy for use.
- Automatic Heating if temperature less than 36.5°C
- When switch on power. Or alarm to decrease temperature if above 37.5°C.
- Overheating alarm to 37.5°C ensuring safety for plasma and blood. Efficient heating function accelerating to 37°C within short time from ambient
- Independent controls and display for each basket

Construction:

- Polished stainless steel chamber and baskets.
- Double-walled construction insulated with glass Fiber to maintain the temperature.
- Exterior case made by heavy gauge steel with Powder coated, scratch & corrosion free.
- Drain valve help refresh water and cleaning.

Cleaning:

- Drain valve help change water. Suggest clean bath everyday.
- Do not use bleaching powder or bealching agents for cleaning.

Safety-Bag Protection:

- Comes with snap-seal bag to isolate the plasma from the internal water supply, preventing from the possible contamination.
- The Double-Bag material won't create plasticizer at 36.5°C ~ 37.0°C. No worry about water contamination.

Summary:

* Preheating : Power (Built-in 36.5°C and 15 min.) → Heat → Stabilized at 36.5°C

* Defrosting : Load plasma into Double-bag → Place into basket → Set time → Shaking → Start → Alarm (Time out) → Alarm (Time out) → Defrosted → Shaking OFF → Take off bag