

Plasma Thawing System(Water Bath)



PTS 2700

General Features

Temperature range from 36°C to 100°C with micro controller based temperature controller includes digital temperature display of set value and process value.

Cabinet Construction

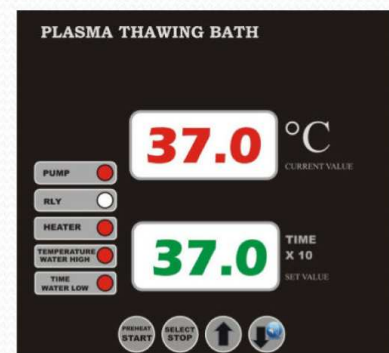
- 1.The cabinet of ATL thawing bath is insulated with high density CFC free Poly Urethane Foam 120 mm thick insulation.
- 2.Interior chamber is finished resistant stainless Steel (304, 0.8 mm thick).
- 3.The exterior is Sky Blue/white Pure Polyester powder coated (1.0 mm thick) Mild Steel and the door has a magnetic gasket with a keyed lock.
- 4.Acrylic trays are provided for holding plasma bags.
5. High density CFC Free Poly Urethane Foam insulated cabinet with corrosion resistant stainless steel interior and white powder coated exterior finish

Temp Controller

Micro processor based temperature control with accuracy of $\pm 1^{\circ}\text{C}$

Audio Visual Alarm

- Audio-visual alarm if temperature deviates from preset temperature.
- Display of Set value & Process value.
- Low and high water Alarms
- Integrated pump for internal circulation maintains precise temperature uniformity throughout the liquid medium.
- Rounded corners for better water circulation and uniformity.
- Formed in place PUF insulation improves temperature stability and energy efficiency.
- Calibration & Validation.



Plasma Thawing System (Water Bath)

Cabinet Construction

As same as provided in

Touch Screen Series With PTS-2700



Special Features

1. large 7 inch touch screen with display of set and process value
2. Precise control of temperature by using micro controller based temperature controller.
3. Multiple language can be displayed on screen including English.
4. Integrated digital temperature cum controller with inbuilt 7 days circular chart recorder with battery back up of 3-4 hours to ensure display & recording of temperature even during power failures on touch screen.
5. Integrated data management system with storage efficiency of temperature records up to 1000 readings & facility to transfer data through pen drive to PC.
6. large 7" touch display with facility to see current and last 24 hours temperature recording, High & Low alarm points with date & time recording, power resumption / failure data
7. With backup power supply of control unit in case of electrical failure
8. Audiovisual alarm if the temperature deviates from the set temperature.
9. Display of set value and process value.
10. Refrigeration system with CFC free compressors and ECO friendly refrigeration systems with time delay.
11. Castor wheels for ease of mobility.
12. Door with heating element for inhibiting frost build up.
13. Printing Option : Supports following Dot matrix serial printers :
EPSON,SAMSUNG,TVS