Quick Start Guide: ThermoChem™ HT-2500

Before setting up the Perfusion Kits, complete the following steps

1. Lock all wheels on the device.
2. Make sure the water bath is empty and the drain valve is closed.
3. Fill internal water bath with 2L of distilled or sterile water.
4. Make sure the following non-disposable components are available:
   - 2 heat exchanger water lines
   - Heat exchanger temperature probe
   - 3 or 4 Patient temperature probe extension cables
5. Mount the reservoir bracket on lower right rail of the instrument.
6. Attach intravenous (IV) bag hanger to pole at right side of monitor.
7. Insert and secure power cord to device.
8. Plug into a standard electrical outlet and turn power on.

Mounting the Hyperthermic Perfusion Kit

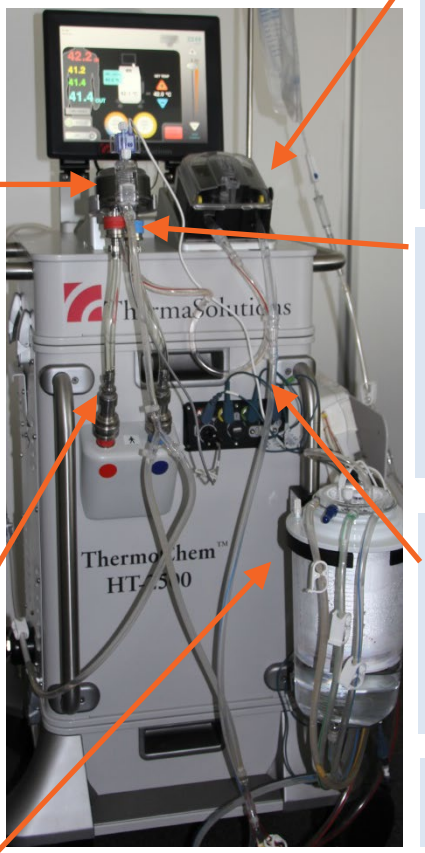
For more in-depth information see the Operators Manual and/or the IFU that comes with the perfusion kit

1 Open the kit package.
Place sterile components in a secure location.

2 Slide the heat exchanger into bracket.
- Align the ridge on the side of heat exchanger with groove on the inside of the bracket.
- Ensure bubble trap side of heat exchanger is facing out.

3 Connect heat exchanger water lines.
Pull collar back and:
- push small ends on to heat exchanger
- push large ends on to instrument.
- Ensure lines are fully seated.

4 Set reservoir in bracket and confirm tubing is not twisted.



5 Open pump door.
Wrap tubing around roller pump head.
- Match red-to-red and blue-to-blue.
- Ensure tubing is seated properly in pump clamps.

Close pump door.

6 Connect non-disposable gray heat exchanger temperature probe.
- Insert probe end into bottom of heat exchanger knob and connect to the instrument connector panel.

7 Connect one end of white disposable pressure sensor to a Luer fitting after the pump. Plug other end into instrument connector panel.

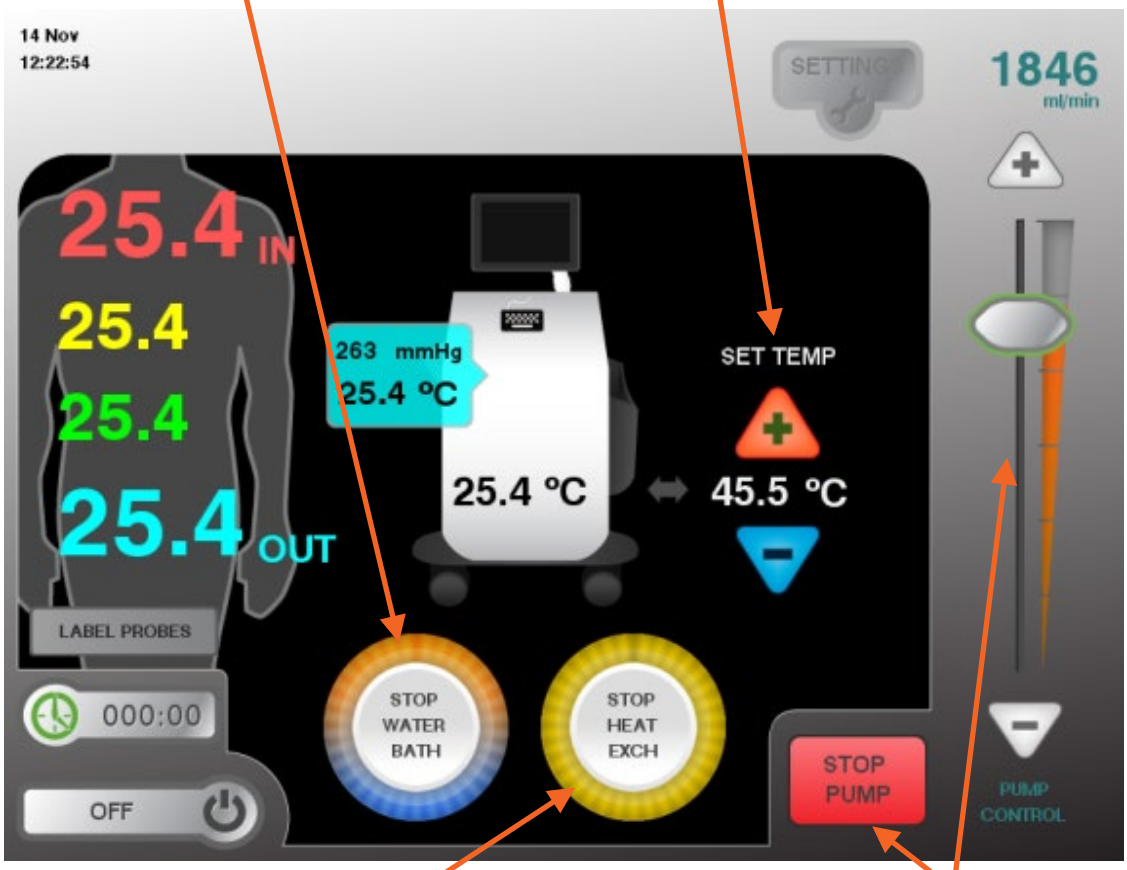
8 Clamp and close all drain lines.

9 Hang 2L of sterile fluid on IV pole
Fill reservoir.
- After filling, clamp the fill lines.

Pre Heating

❶ Select ‘START WATER BATH’ to initiate heater.

❷ Increase ‘SET TEMP’ to desired temperature.



❸
- Select ‘START HEAT EXCH’ to start heat exchanger water flow.
- Remove air bubbles from water bath side of heat exchanger.

❹ Select ‘POWER PUMP’ and set patient pump speed to approximately 1000ml/min by using slider bar.

Initiate Treatment

For more complete instructions follow the Operators Manual and/or the IFU that comes in the disposable kit

1. Using sterile technique, pass inflow & outflow items and temperature probes to the surgical field.
2. Stop Pump and pass sterile tubing to the surgical field.
3. Clamp inflow and outflow lines prior to separating or cutting sterile loop of tubing.
4. When ready unclamp inflow line(s) and start pump to gently fill patient cavity.
5. When patient cavity is filled, unclamp outflow line(s) to start return flow to the reservoir.
6. Adjust Pump speed to maintain proper patient and reservoir levels.