Claims

1. A temperature conditioning system comprising:

a first compartment defining a first opening for receiving liquids thereinto, the first compartment comprising a first heating element assembly being positioned and operable for heating liquids received in the first compartment and a first transducer adapted for transducing temperature of liquids in the first compartment into first temperature signals wherefrom a first temperature can be derived;

a second compartment defining a second opening for receiving liquids thereinto, the second compartment comprising a second heating element assembly being positioned and operable for heating liquids received in the second compartment and a second transducer adapted for transducing temperature of liquids in the second compartment into second temperature signals wherefrom a second temperature can be derived, the second compartment being disposed away from the first compartment;

a controller in signal communication with the first transducer and the second transducer and in operational communication with each of the first heating element assembly and the second heating element assembly for controlling heating of the liquid in the first compartment to a first temperature level and the liquid in the second compartment to a second temperature level; and

a user interface (UI) in signal communication with the controller, the UI being operable for providing command for initiating the first start time and for providing command for initiating the second start time, the UI providing a prompt when at least one of liquids in the first compartment reaches the first temperature level, liquids in the second compartment reaches the second temperature level, the first duration elapses and the second durations elapses,

wherein the liquid in the first compartment is maintained at the first temperature level for a first duration from a first start time and the liquid in the second compartment being maintained at the second temperature level for a second duration from a second start time.

2. The temperature conditioning system as in claim 1, the first start time being initiated in response to the temperature of the liquid in the first compartment reaching the first

temperature level subsequent to the command for initiating the first start time being received by the controller and the second start time being initiated in response to the temperature of the liquid in the second compartment reaching the second temperature level subsequent to the command for initiating the second start time being received by the controller.

3. The temperature conditioning system as in claim 1, the first temperature level being 65 ℃, the second temperature level being 100 ℃ and the second duration being 2 hours.

4. The temperature conditioning system as in claim 1, each of the first compartment and the second compartment has a lid coupled adjacent to each of the first opening and the second opening thereof, the lid being adapted for displacing between an open position for enabling access and a closed position for impeding access through the corresponding one of the first opening and the second opening, wherein the liquid in each of the first compartment and the second compartment is enclosed when the lid of each of the first compartment and the second compartment is in the closed position.

5. The temperature conditioning system as in claim 1, further comprising a holder being shaped and dimensioned for being received by each of the first compartment and the second compartment and being adapted for holding at least one piece of planar article.

6. The temperature conditioning system as in 5, the holder being formed from at least one of a stainless steel mesh and a stainless steel cage.

7. The temperature conditioning system as in 5, the at least one piece of planar article being at least one glass structure.

8. The temperature conditioning system as in 1, the controller comprising at least one of a programmable logic controller (PLC), a programmable integrated circuit (PIC), at least one relay and a solenoid array.

9. The temperature conditioning system as in 1, further comprising a plurality of wheels for imparting mobility to the temperature conditioning system.

10. A temperature conditioning method comprising:

heating liquid in a first compartment of a temperature conditioning system towards a first temperature level in tandem with heating liquid in a second compartment of the temperature conditioning system towards a second temperature level;

disposing an article in the first compartment for a first duration when the liquid therein is at the first temperature level; and

displacing the article from the first compartment into the second compartment when the liquid in the second compartment is substantially at the second temperature level,

wherein the article is retained in the liquid of the second compartment at the second temperature level for a second duration, and a user-interface (UI) of the temperature conditioning system provides a prompt when at least one of liquids in the first compartment reaches the first temperature level, liquids in the second compartment reaches the second temperature level, the first duration elapses and the second durations elapses

11. The temperature conditioning method as in claim 10, further comprising:

terminating heating of the liquid in at least one of the first compartment and the second compartment at the elapse of the second duration.

12. The temperature conditioning method as in claim 10, the article being a glass panel.

13. The temperature conditioning method as in claim 10, further comprising:

providing command for initiating a first start time of the first duration and providing command for initiating a second start time of the second duration.

14. The temperature conditioning method as in claim 10, the first start time being initiated in response to the temperature of the liquid in the first compartment reaching the first temperature level subsequent to the command for initiating the first start time being received by the controller and the second start time being initiated in response to the temperature of the liquid in the second compartment reaching the second temperature

level subsequent to the command for initiating the second start time being received by the controller.

15. The temperature conditioning method as in claim 10, the first temperature level being 65 ℃, the second temperature level being 100 ℃ and the second duration being 2 hours.