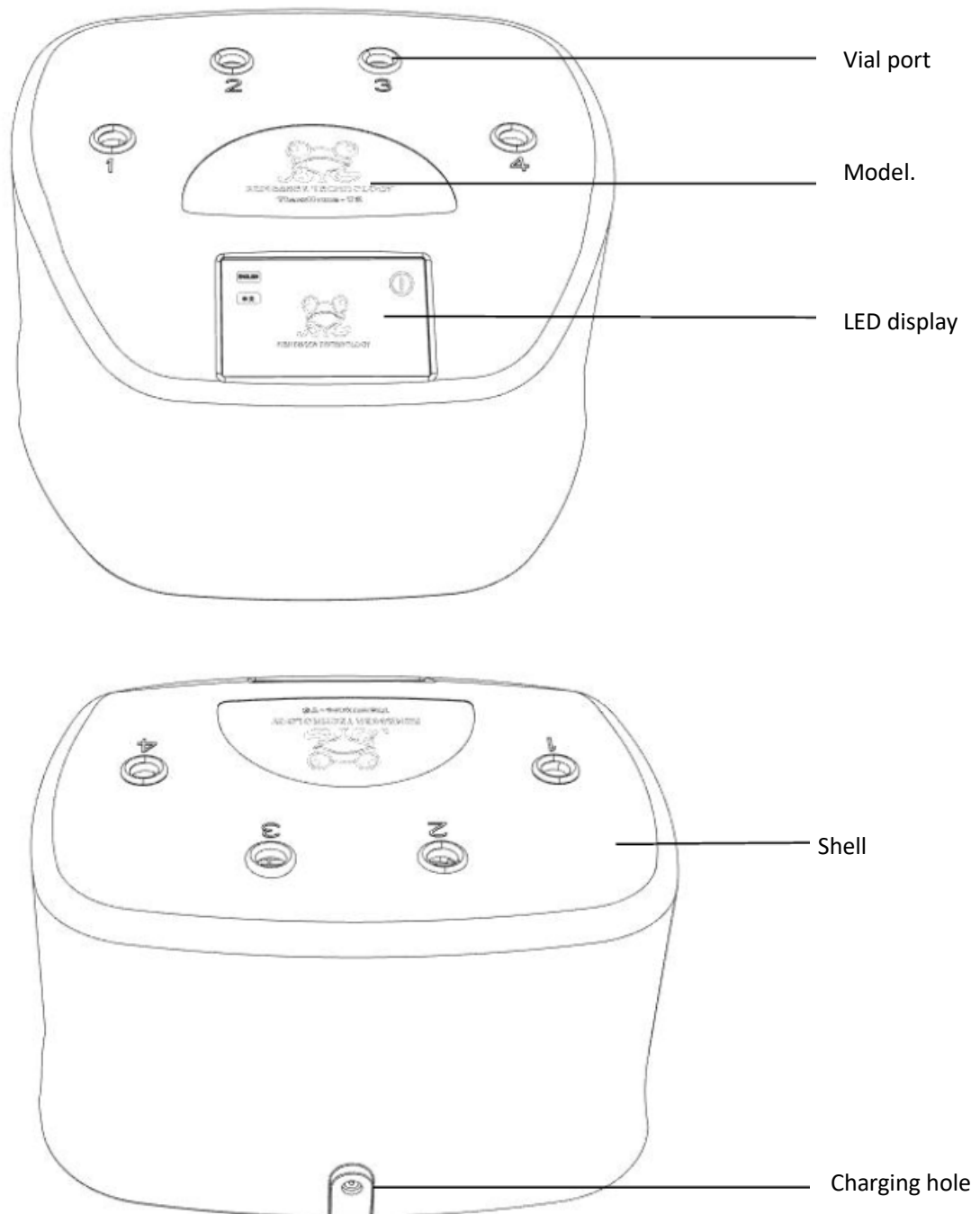


Instructions of Cell Thawing Device (vial)

一、Appearance and function description

The Automated Cell Thawing device is designed to rapidly thaw biological cells frozen in 1.5ml~2ml and 4ml~5ml test tubes. Insert the sample vials into the thaw device port directly when taking vials out from liquid nitrogen or dry ice, the thawing system, The cells can be woken up quickly through sensor and temperature control technology in the cell thawing system, so as to achieve cell thaw.



二、 Packing list

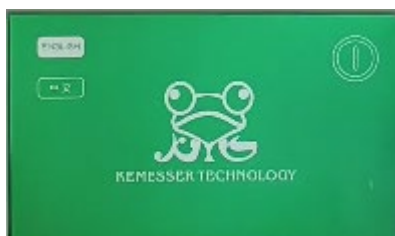
List	Quantity	Mark
Automated cell thawing system	1	device
DC power	1	12V/15A
Manual	1	paper

三、Parameters

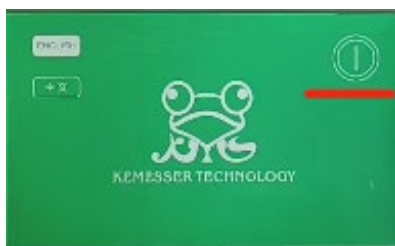
Parameters	
Thaw time-A Port	2~3 minutes
Thaw time- B Port	3~5 minutes
Ambient temperature	5℃~35℃, Humidity up to 75%
Storage temperature	-20℃~60℃
Maximum height(altitude)	2Km
Rated power(NRP)	<120W
In/out voltage(Power Adapter)	Alternating current100-240V/DC12V/50~60HZ
Output current	15A
Power plug	US,UK,EU,CN
Dimension	296 *270 * 170 mm(L.W.H.)
Certification	CE

四、Instrument operation

- 1、Power on
- 2、Choose Language: English or Chinese



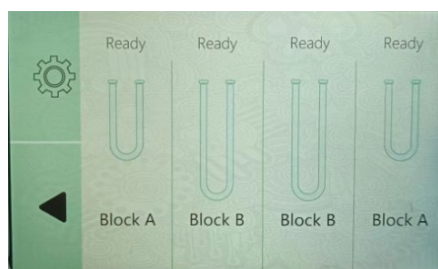
- 3、Click the power button in the upper right corner to start warm up, it will last about 6~10 minutes



- 4、Warming up finished, “beep” alarm.



5、 The operation interface shows “ready”



Note: To ensure the integrity of cell, we recommend to keep the sample transport below -70°C .

五、 Safety Precautions

The Cell Thawing Device is not medical equipment, it only be used in laboratory.

- 1、 Please read the instructions before installing, using or cleaning the equipment.
- 2、 To prevent serious or fatal electric shock hazard. Please only use the AC power supplied with this package.
- 3、 Do not place near or immerse in water or other liquids.
- 4、 Please use the power cord provided with the device to ensure the device stay in good condition, also do not connect this device to other devices (e.g. Computer).
- 5、 The cell thawing device is used for benchtop experiment, please ensure that the equipment is safely placed on a level surface.
- 6、 Make sure the frozen cells are at the bottom of the tube.
- 7、 Please ensure the outer surface is clean and leak-free.
- 8、 During the cell thawing process, please do not touch the tube with hands or other objects.
- 9、 Keep the top port covered when the device is not in use.

六、 Cleaning and maintenance

Wipe the shell with 70% alcohol. Do not insert cleansers or solutions into the thaw port.

The condensate will not affect the device because it will evaporate naturally.

More questions welcome to contact us directly.

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