



AgileThaw

automated cell thawing system

Optimal thawing of cells is critical to successful downstream research. To minimize the variability in sample handling, you need ThawAgile.



Cat. No. : ATAS-4C



Cat. No. : ATAS-B

AgileThaw automated cell thawing system addresses the last gap in the cell cryopreservation workflow: cell thawing. Replacing unstandardized manual methods of cell thawing such as swirling frozen vials in communal water baths, AgileThaw eliminates the contamination risk, ensures rapid, consistent and reproducible thawing.

Features

AgileThaw automated thawing system Provides Reproducible Thawing Results

- Fully automatic thawing procedures eliminate human-dependent variability, subjectivity of determining the end point, and the contamination risk of water bath thawing procedures.
- Real-time alarm
 1. Automatically running the self-test program when booting and alarming for any abnormal condition found.
 2. Alarming when the initial temperature of new loaded sample is higher than -60°C.
 3. 2 kind of alarms to remind user take out fully thawed sample
 - 1) Beep: 5 secs after thaw completion
 - 2) Rapid beeping : 15 secs after thaw completion
- High efficient saving Power
- 2 models of AgileThaw : Vials model for 1.5 - 5.0ml closed vials or Bag model for volume up to 50ml freezing bag
 - Vials model:
 1. 4 independent wells in vial model allow thawing 4 different samples simultaneously
 2. The status of 4 samples thawing are visible via screen in real time.
 - Bag Model:
 1. With flexibility/elasticity inner lid adapts different thick of freezing bags and prevents bag being broken when close the lid.
 2. Smooth air convection increases temperature uniformity and improves sample recovery rate.

Specifications

Model	ATAS-B (Bag model)	ATAS-4C (Vials model)
Thawing time	Approximately 5 - 8 mins	1.5 - 2.0 ml vials : approximately 2 - 3 mins 4.0- 5.0 ml vials : approximately 3 - 5 mins
Capacity	One 50ml freezing bag	Two 1.5 - 2.0 ml vials + Two 4.0- 5.0 ml vials
Ambient temperature	5°C ~ 35°C	
Relative humidity	≤75%	
Input / Output voltage	100 -240 VAC / DC12V / 50-60Hz	
Output current	15A	
Power	120W	
Power plug	US, UK, EU	
Dimension (L x W x H)	296 x 270 x 170 mm	
Compliance	CE mark	