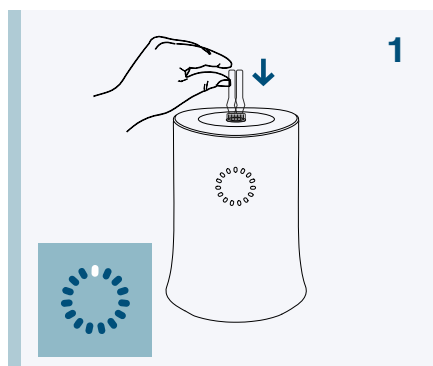


ThawSTAR[®] CSV5

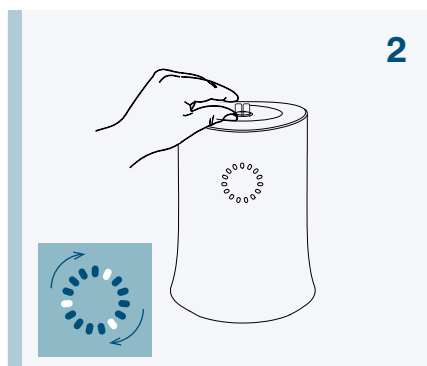
Water-free CellSeal[®] Vial Thawing System



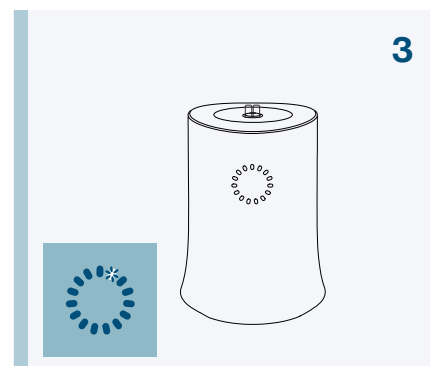
Upon power-up of instrument, please allow five minutes for instrument warm-up.



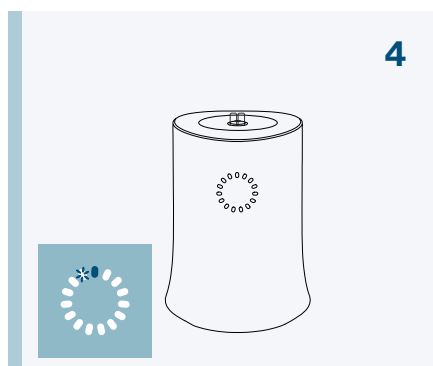
Instrument is warmed up and in “ready” state. Insert a clean, sealed frozen 5.0mL CellSeal[®] Cryogenic Vial (below -70°C) containing 2.5mL to 5.0mL volume into the opening on the top of the instrument.



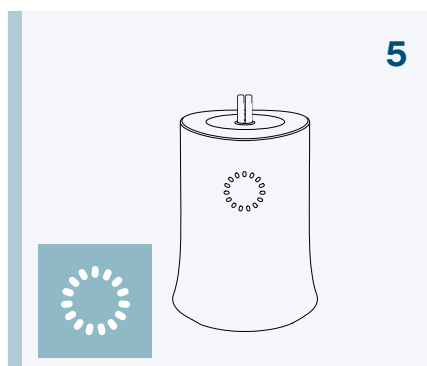
Push the top of the vial down gently until the instrument emits a deep dual tone. The vial will now remain in a depressed position.



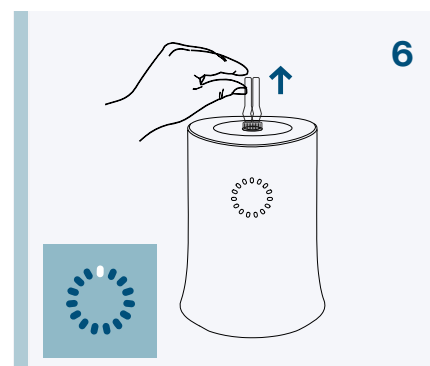
Beginning of solid to liquid phase change is detected by instrument.



Countdown of the last 10 seconds of the thawing process begins.



Upon thaw completion, the vial is raised approximately 0.64cm (0.25in).



Remove vial immediately and for a few seconds, manually agitate the vial gently without inverting the vial to equilibrate the liquid temperature until no ice can be seen within the vial. Begin downstream protocol.