

USER MANUAL

Getting started with the SPL Guard Arizona



GETTING STARTED

With the SPL Guard Arizona

The SPL Guard Arizona Thawing Station is a solution for the controlled thawing of samples in a single rack. The thawing station can only be used as a standalone instrument.

COMPONENTS

SPL Guard Arizona Thawing Station	1
12 AC/DC adaptor	1

INSTALLATION SETUP

- **Step 1:** Remove the SPL Guard Arizona Thawing Station from the packaging.
- **Step 2:** Plug the adaptor into the DC-plug on the back of the unit.
- **Step 3:** Connect the adaptor plug to an electrical outlet.
- **Step 4:** Position the unit with the display side facing out.

WARNING: Do not put your hand into the machine when the ventilators are rotating!

OPERATION INSTRUCTION

Step 1: Place a rack in the rack-bay. Ensure that at least one tube is located at the IR-sensor position, read “sensor location per rack format“ for more information.

- **Step 2:** Press the blue button on the front-panel. The machine will now start thawing.
- **Step 3:** When the tubes reach their desired temperature, the machine will turn off and a beeping sound will be made. Press the blue button again to confirm that the rack can be removed.
- **Step 4.** Remove the rack from the rack-bay.

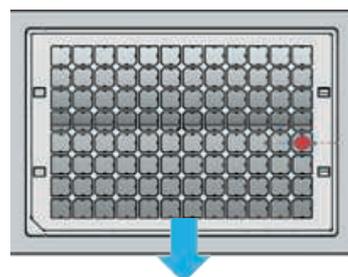
SENSOR LOCATION PER RACK FORMAT

The SPL Guard Arizona uses an Infra-Red Sensor to determine the temperature of the tubes. It is important to at least have one tube at the

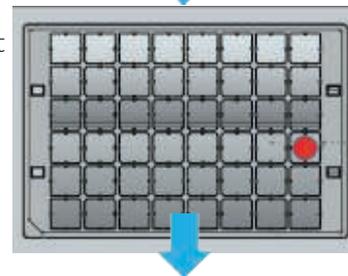
pre-scripted tube position when turning on the machine.

The pre-scripted positions are as following (arrow is indicating the front side of the machine)*:

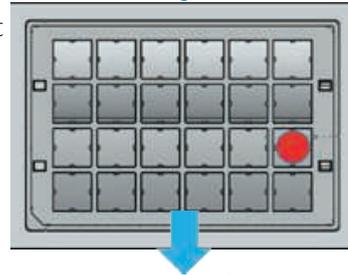
1. For 96-well format



2. For 48-well format



3. For 24-well format



***NOTE:** For accuracy purposes, it can be wise to place one tube next to the marked tube location, in each direction.

