

# PRODUCT INSTRUCTIONS

## 384 LOAD TEMPLATE

Catalog #384LBTMP

### INTENDED USE

The purpose of the 384 Load Template is to aid in the accurate loading of DNA samples into one or two 384-well Micro SSP™ Typing Trays. The load template is a mechanical device that places the trays into each of four load positions through the use of a simple dial mechanism.

### DESCRIPTION OF THE 384 LOAD TEMPLATE

The load template consists of a black base on which a frame is placed. Two sets of 384 perforations allow light from a light box or table to pass through the base. On top of the base is a frame on which a four-position dial is centered. The frame also guides placement of one or two Micro SSP™ 384 Typing Trays. A spring loaded rotary positioner, manipulated with the dial, allows placement of four different sets of 96 tray wells over the illuminated perforations in the base. This allows the user to clearly see each load position, assuring accurate loading of samples.

### OTHER EQUIPMENT REQUIRED, BUT NOT PROVIDED

Light box or light table with a minimum lighted area of 9.5 inches x 5.85 inches.

### CARE OF THE 384 LOAD TEMPLATE

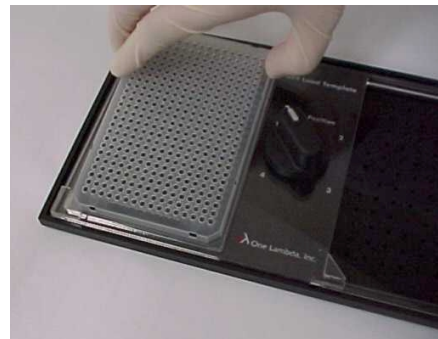
1. Carefully unpack the load template and retain packing materials in case the device must be returned to One Lambda.
2. If necessary, clean unit between uses with soap and water. Dry with soft, non-abrasive towel.
3. Do not subject the load template to acetone or other chemicals that may etch plastic.
4. Do not subject the load template to high temperatures or flame.
5. Store load template at ambient temperature.

### DIRECTIONS FOR USE

1. Set the load template to load position 1, using the dial at the center of the device.

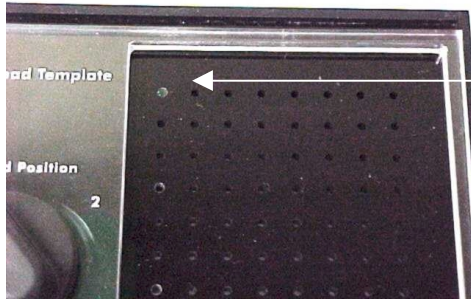


2. Prior to loading samples into Micro SSP™ 384 Typing trays, place one or two 384-well trays into the load template. Note that the trays must be placed in a single orientation; the diagonal corners of the tray fit against corresponding diagonal corners on the template. (When the trays are placed correctly, negative control wells will be in the upper left corners of the template.)



*Continued on side 2.*

3. The load template is shipped with two green plastic plugs pre-installed in each of the 1A (negative control position) on each side of the template. Six additional plugs are supplied and may be used to block additional negative control positions. Check appropriate Micro SSP™ worksheet for placement of negative control wells. These plugs act as markers for the user so that samples will not be loaded in the negative control wells on the Micro SSP™ trays.

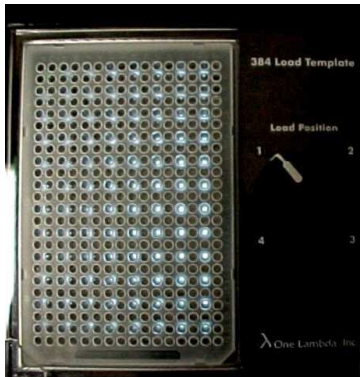


Green plastic plug

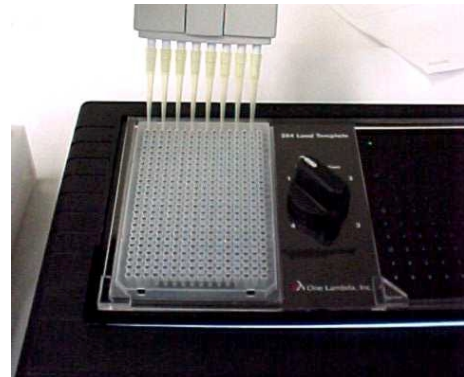
4. Turn on light box or table and place load template on lighted area of light box or table. Assure that load position 1 is illuminated.



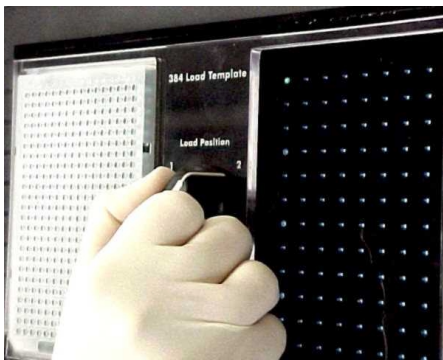
5. Wells in load position 1 are illuminated by the light box.



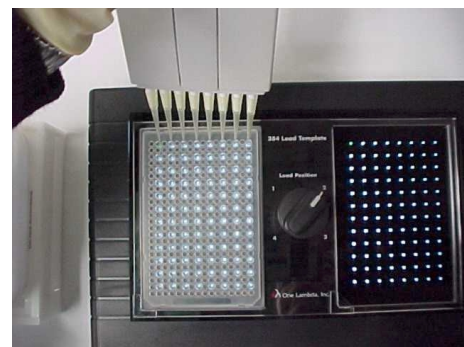
6. Add samples to load position 1.



7. Moving the dial in a clock-wise direction, move the template to load position 2.



8. Add samples to load position 2.



9. Repeat steps 7 and 8 for load positions 3 and 4.

10. Remove Micro SSP™ 384 typing trays from the load template and continue following *Directions for Use* in the current Micro SSP™ product insert.