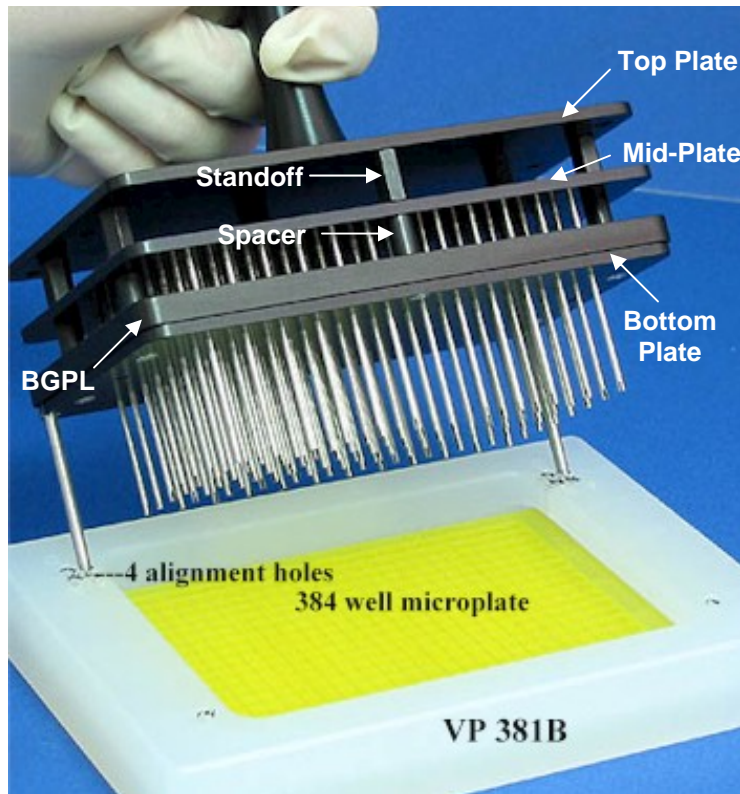
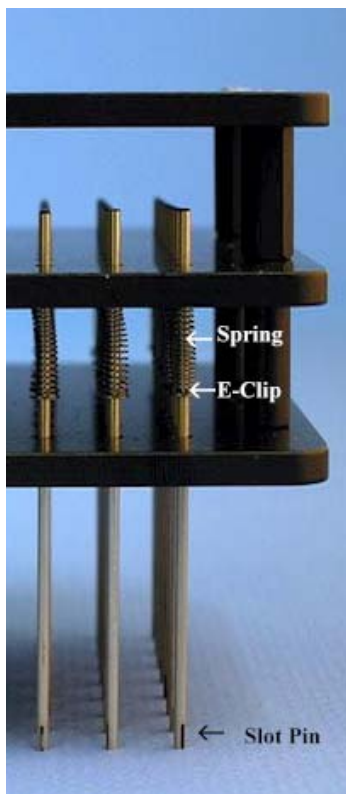


ASSEMBLY OF A FROZEN SPECIMEN PIN TOOL (VP 408FS2AS)

Description:

The Frozen Specimen Pin Tool is composed of 96 E-clipped Pins, 96 springs, one Guide-Pin Plate (BGPL), one Bottom Plate, one Mid-Plate, 6 Spacers, 6 Threaded Hex-Standoffs, one Top plate, and 12 4-40 Screws (6 small and 6 large).



Assembly:

1. Place the Bottom Plate over a tip lid box large enough to allow the pins to float freely (such as one for P1000 tips).
2. Place the Guide-Pin Plate (BGPL) over the Bottom Plate with the guide pins pointing down. Note the 2 grooves at the top corners of the Bottom Plate. Place the guide pins of the Guide-Pin Plate into these.
3. Insert the 96 pins with the longer side (the slotted end) of the pin facing down. The E-clip will keep the pin from going all the way through.

4. Place one spring over each of the pins. Springs should be resting on to the E-clip.
5. Line up the six unthreaded spacers with the six holes on the Guide-Pin Plate.
6. This is the challenging step. Place the Mid-Plate over the 96 pins, making sure each pin is inserted into each of the 96 holes. Once all the pins are inserted, the Mid-Plate should be resting on the six Spacers. Line up the 6 screw holes of the Mid-Plate with those of the Bottom and Guide-Pin Plates with the spacers in between.
7. Keeping all the parts secure, insert the 6 longer screws up through the 6 counter-sunk holes on the Bottom-Plate through the Guide-pin Plate, the Spacers and the Mid-Plate. Capture and tighten each of the screws with a Threaded Hex-Standoff.
8. Place a Top-Plate over the Threaded Standoffs, and tighten the remaining smaller screws into the Threaded Standoffs.