

ARKTEK™



Arktek Vaccine Stacks User Manual

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Purpose of this guide

This manual will help you on how to better use the vaccine stacks.

Vaccine stacks.

Each ARKTEK comes equipped with multiple interlocking vaccine cups. There have two types of vaccine cup, big cup and small cup. You can arrange these cups according to your requirements. Normally, there are 3 vaccine stacks in the device. One middle stack (consisting of three large cups) and two side stacks (consisting of three small cups and one large cup).

Each stack has a black nylon handle. The handles make it easy to lift the vaccine stacks.

There are foam pads and dividers which can make you easy to organize the vaccines. If the space is not enough, you can also remove the dividers.

Normally, the big cup can load 8 ampules (2ml), 28 common vials (4ml) and 8 wide vials (8ml). The small cup can load 4 ampules (2ml), 14 common vials (4ml) and 4 wide vials (8ml).

Figure 1 is the diagram of vaccine stacks in the ARKTEK.

Note: Cup "A1" called "day use" cup. This cup is designed to be easily accessible when the ARKTEK is opened.

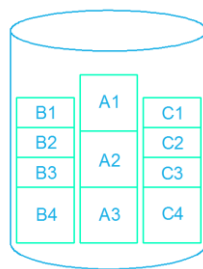


Figure 1

Removing and replacing steps

Before you use ARKTEK, you need to know how to remove and replace the vaccine stacks.

Removing steps

1. Remove the cap. Remove the middle vaccine stack. (Figure 2)



Figure 2

2. Remove the two vaccine side stacks. Replace the cap. (Figure 3)



Figure 3

Replacing steps

1. Remove the cap. Replace one side vaccine stack into ARKTEK, push the stack against one of the inside walls of ARKTEK. (Figure 4)



Figure 4

2. Repeat step 1 with another of the side vaccine stacks, positioning it against the inside walls the device opposite the first vaccine stack. This will leave a space in the center of the device for the middle vaccine stack. (Figure 5)



Figure 5

3. Place the last container stack into the center of the device. Replace the cap.(Figure 6)



Figure 6

Load the vaccine stacks with vaccines

1. Remove the cap. Remove the 3 vaccine stacks. Set the vaccine stacks on a flat surface on which you will fill them. (Figure 7)



Figure 7

2. Twist the up and down vaccine cups to the opposite direction. Then you can separate these cups. (Figure 8)

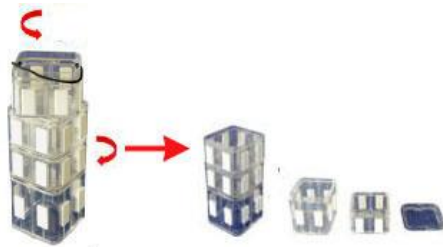


Figure 8

3. Quickly and carefully place vaccine vials into the cups. (Figure 9)
Important: Work to complete this entire process within three minutes – or less, ideally. Exceeding three minutes will risk unwanted warming of vaccines and a decrease of safe-storage hold times.



Figure 9

4. Quickly reassemble the cups by twisting them together into a set of three stacks. (Figure 11)

Figure 10 show you how to twist two cup together.

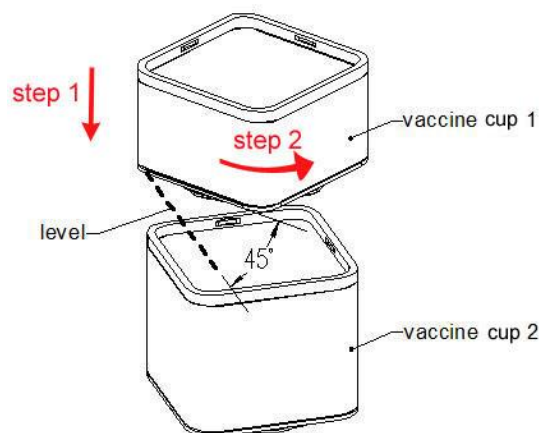


Figure 10



Figure 11

5. Replace the vaccine stacks into ARKTEK. Replace the cap.

Daily use

To administer the vaccines efficiently, you can arrange the vaccines in the designated “day-use” container so that they will be easily accessible throughout the day. This process can be done daily or weekly – depending upon the volume of vaccine usage. If possible, to minimize warming of the vaccines, arrange the cup stacks in the morning, when the surrounding ambient temperature is the lowest.

Set up vaccines, daily or weekly

1. Remove the cap. Remove only the stacks needed to properly refill the day use container. Immediately recap the device to avoid unnecessary temperature transfer.
2. Moving quickly (on a flat work surface) twist apart the cup stacks. Place the current day’s supply of vaccines into the day use container. (Figure 11)



“day-use” cup

Figure 12

3. Quickly reassemble the cups by twisting them together into a set of three stacks. Replace the vaccine stacks into ARKTEK. Replace the cap quickly.
Important: Work to complete this entire process within three minutes – or less, ideally. Exceeding three minutes will risk unwanted warming of vaccines and a decrease of safe-storage hold times.

Access vaccines for immunization session

1. Remove the cap. Reach into the “day use” cup and retrieve individual vaccines. Return unused vaccine to day use container. Immediately replace the cap after retrieving each vaccine. (Figure 12)

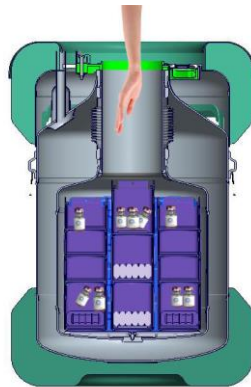


Figure 13

2. If you really need to remove the vaccine stacks, please do it quickly. Remove the vaccines you need, return the vaccine stacks as quickly as you can. Replace the cap immediately. (Figure 13)

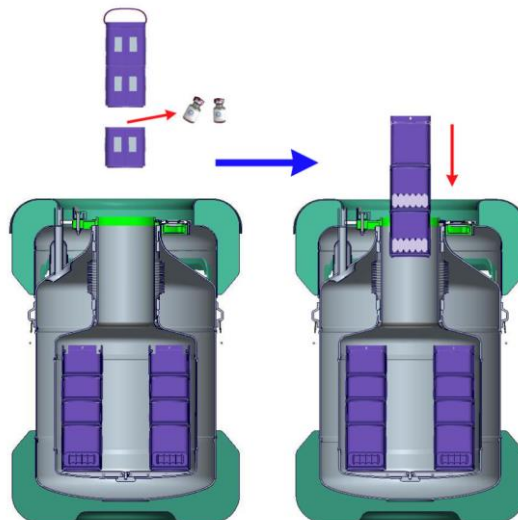


Figure 14

Important: Work to complete this entire process within three minutes – or less, ideally. Exceeding three minutes will risk unwanted warming of vaccines and a decrease of safe-storage hold times.