

# TurboVap® LV Multi Rack for Mini Vials

## User Instructions

Thank you for your purchase of the following product.

Part Number	Description
415489	TurboVap® LV Multi Rack, 48 Positions, 10–16 mm (OD), < 45 mm (length) Mini Vials

The new TurboVap® LV Multi Rack series is highly adaptable for your laboratories' changing needs. Due to the four height adjustment screws and the 11/12 mm top plate, the multi rack for mini vials is capable of accommodating different tubes and vials both in terms of length and diameter.

### Adjust the Multi Rack

In order to use your new TurboVap® LV Multi Rack with your TurboVap LV system, you need to set it up for the tube/vial type that you wish to use.

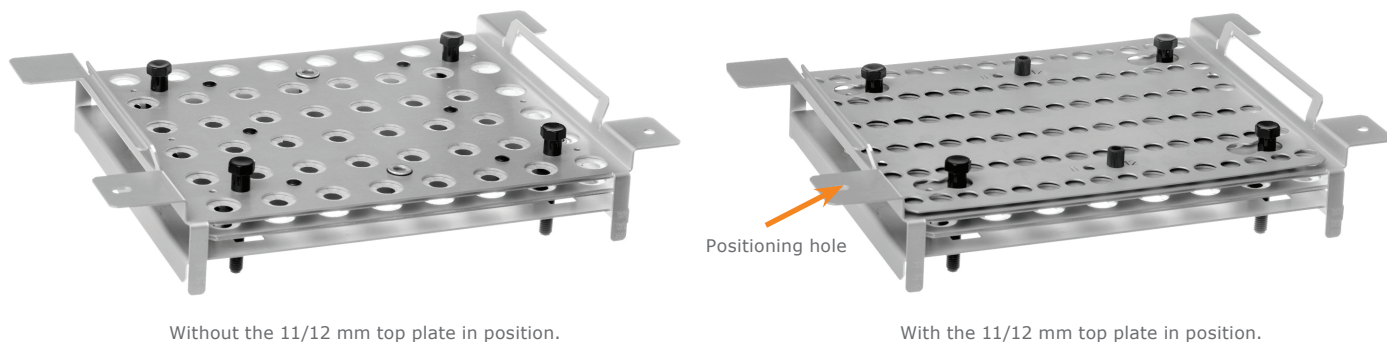
1. Select the tube/vial type you wish to use and note its length and diameter.
2. Adjust the rack for the length of your tube/vial using the four height adjustment screws on the top of the rack; see Figure 1.

**Note:** There are 32, 39, and 45 mm height markings on the front and back of the rack to help you with the height adjustment.

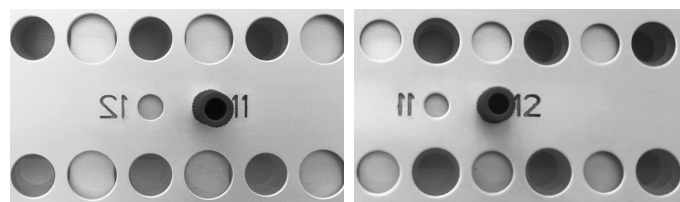
3. Adjust the rack for the diameter of your tube/vial. If the diameter is between 10 and 12 mm, you need to use the top plate, which can be flipped over depending on the vial diameter (see Figure 2). The top plate is secured in position with the two black retainers that were used to hold it in place on the underside of the rack during shipment.

**Note:** Ensure that the positioning holes on the top side of the rack are toward you when installing the top plate, see Figure 1.

The multi rack is now ready for use on your TurboVap LV system.



**Figure 1.** TurboVap LV Multi Rack with 48 positions for test tubes and vials with 10–16 mm outer diameter and < 45 mm length (P/N 415489).



**Figure 2.** Top plate adjusted for a vial diameter between 10 and 11 mm (left) and for a vial diameter of 12 mm (right).

### Common Test Tubes and Vials and Rack Compatibility Matrix

Part Number	Tube Description	TurboVap® LV Multi Rack
N/A	GC/LC autosampler vials 12 x 32 mm	415489
N/A	Screw and crimp cap vials 4 mL, 15 x 45 mm	415489
N/A	Flip cap microcentrifuge tubes 1.5 mL, 42 x 11 mm	415489
N/A	Flip cap microcentrifuge tubes 2.0 mL, 42 x 11 mm	415489
N/A	Screw cap microcentrifuge tubes 1.5 mL, 45 x 11 mm	415489
N/A	Screw cap microcentrifuge tubes 2.0 mL, 45 x 11 mm	415489

Part Number: 415881-A

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