



TurboVap LV

Description-

The new TurboVap® is designed around a common chassis with interchangeable accessories, allowing users to switch quickly between configurations for a wide range of sample sizes and applications. Evaporation of up to 48 samples with independent of flow in each row. Can be used in either 24 or 48 samples position mode. Compatible with tube size ranging from 10 to 32 mm (outer diameter) and from 32 up to 165mm in length. Acid resistant Version available.



Features-

Flexible Rack System

TurboVap LV Multi racks allow a larger selection of tubes and vials to be evaporated from one rack based upon outer vial dimension. This saves storage space at a your facility and also negates the need for custom racks to fulfill non-standard vials designs.

Gas Flow Gradients

Flow gradients within a method means that gas flow can be gradually increased as the evaporation cycle progresses. The low flow rate early in the process promotes gradual evaporation. As the sample evaporates and more space is available in the tube/vial, the gas flow can be increased to

Removable Adjustable Nozzles

Individual removable nozzles ensure that cleaning and maintenance in the instance of a blockage is easy and straightforward. Replacement takes a matter of seconds. Simplifying maintenance and reducing operating costs.

Create & Save Methods on 7" Touch Screen

Color touch screen operation. Provides easy set-up and optimization of methods. Once the method is running, a clearly visible display screen and adjustable-volume alarm offer true walk-away operation, providing visual and an audible alert when a run has finished.



Specifications

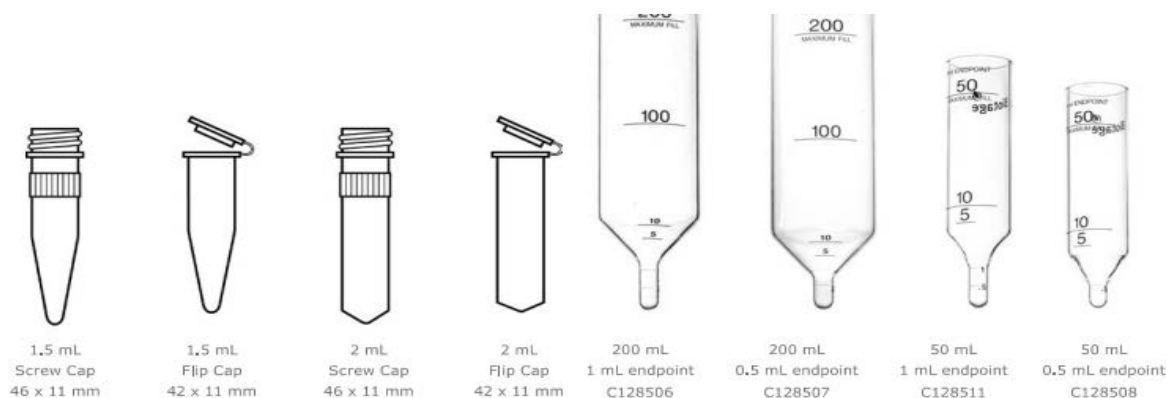
- POWER SUPPLY 100 to 240 V, 50/60 Hz
- MAXIMUM POWER CONSUMED 1000 VA
- FUSE 10 A at the power inlet (1 required)
- DIMENSIONS (W X D X H) 400 x 400 x 390 mm (15.7" x 15.7" x 15.4") including the hinges at the side and exhaust at the rear. The height with the lid open is 590 mm (23.2").
- WEIGHT 17 kg (37.5 lbs) when the water bath is empty and maximum 29 kg (63.9 lbs) with deionized water, rack, and tubes.
- TEMPERATURE Operating Temperature: 18–32 °C Storage and Transportation Temperature: -25 °C to 60 °C
- HUMIDITY 20-90% RH
- GAS SUPPLY REQUIREMENTS Minimum 4 bar (0.4 MPa, 58 psi) Optimum 6 bar (0.6 MPa, 87 psi) Maximum 9 bar (0.9 MPa, 130 psi) The system should operate using inert gas. Compressed air can be used but is not recommended with some solvents due to the possible risk of explosion. The gas inlet tube supplied with the system has a 6 mm outer diameter. The system is also shipped with two connectors for conversion to 1/4" or 3/8" outer diameter.
- GAS FLOW REQUIREMENT Required supply flow for TV Classic equivalent capability for each manifold: 48 positions: 160 liters/min 24 positions: 120 liters/min 6 positions: 35 liters/min Required supply flow for full flow capability for each manifold: 48 positions: 200 liters/min 24 positions: 160 liters/min 6 positions: 50 liters/min
- MAXIMUM GAS FLOW 48 positions: 3.5 litres/min 24 positions: 5.5 litres/min 6 positions: 7 litres/min
- WATER TEMPERATURE RANGE Ambient to 90 °C
- INTERFACE 7" Touch Screen
- MAX SOUND LEVEL 75 dB(A)
- CERTIFICATIONS CE marked and CB and NRTL certified





Tubes Configurations

Tubes



Accessories

Multi Racks

TurboVap® LV



- ✓ 18-position rack for 10–16 mm mini vials, PN **415489**.
- 48-position rack for 10–20 mm tubes, PN **414964**.
- ✓ 24-position rack for 21–32 mm tubes, PN **415129**.

Gas Manifolds



- 48-nozzle manifold, PN **415408SP**.
- 48-nozzle PTFE manifold, PN **416129SP**.

