Specifications

Capacity: Fifty tubes

Containers and Working Volumes: (using different racks)

Containers:	Working Volumes:
10 x 75 mm tubes	up to 4 mL
12 x 75 mm tubes	up to 4 mL
13 x 100 mm tubes	up to 7 mL
16 x 100 mm tubes	up to 12 mL
16 x 125 mm tubes	up to 16 mL
20 x 150 mm tubes	up to 30 mL
10 mL conical bottom tubes	up to 10 mL
15 mL conical bottom tubes	up to 15 mL
15 mL volumetric conical bottom tubes, (compatible with the AutoTrace SPE Workstation)	up to 15 mL
1.5 - 2.0 mL micro-centrifuge tubes, (screw cap type)	1.5 to 2 mL
1.5 - 2.0 mL micro-centrifuge tubes, (flip cap type)	1.5 to 2 mL

NOTE: Evaporate full sample tubes with care to prevent splashing.

Environmental:

Operating Temperature	59° to 95°F (15° to 35°C)
Operating Humidity	0% to 85% relative humidity, non-condensing
Storage Temperature	50° to 122°F (10° to 50°C)
Storage Humidity	0% to 85% relative humidity, non-condensing
Altitude	Up to 2000M
Indoor Use Only	

Power:

Input Voltage	100/120VAC +/- 10% 220/240 VAC +/- 10%
Line Frequency	50 - 60 Hz
Fuses	**100/120VAC:** (1) 10A, T250V (P/N C39164) **220/240 VAC:** (2) 5A, T250V (P/N C44412)

Typical Evaporation:

Rates

Solvent	Time (min.)
Ethyl Acetate	17.5
Hexane	9
Methanol	25.5
Methylene Chloride	17

* **Conditions:**   10 mL of solvent evaporated to dryness at 52°C. Methylene chloride bath temperature at 38°C.

Gas Consumption: 1 cfm per row of nozzles at 15 psi (from a source capable of supplying 60 to 100 psi.)

Water Bath Temperature Range: ambient to 90°C

Gas Regulator and Gauge Range: 0 to 30 psi

 WARNING

To avoid injury to yourself, damage to the instrument, or loss or samples, DO NOT exceed 20 psi maximum gas pressure in the TurboVap LV. Do not set the regulator to the maximum of 30 psi.

Dimensions: Height: 11.9" (30.2cm)

Width: 21.2" (53.8cm)

Depth: 11.9" (30.2cm)

Height with Cover Open: 20 inches (50.8cm)

Weight: 40.5 lbs. (18.47 Kg.) - empty water bath

Time Range: 1 to 99 min. or 0.1 to 9.9 hrs. - can also be set to 00 for infinite time

*** NOT for in vitro testing ***