

48 Position MULTIVAP[®] Nitrogen Evaporator

DESCRIPTION

The 48 Position MULTIVAP (Catalog# 11848) is a high temperature water bath unit, designed for optimal sample concentration. This is our most versatile MULTIVAP evaporator, accommodating tubes from 10 to 22 mm OD. This unit comes standard with a needle guide to effortlessly center the distribution manifold over small tubes.

This MULTIVAP includes one set of custom heat block inserts, expertly machined to fit the user's tubes. Not only do these custom inserts ensure proper fit and optimal heat transfer, they also eliminate the need to transfer samples to special evaporation vials. Additional heat block inserts are available for use with other tube sizes, sold in singles (Catalog# NA1801) or as a set of 48 (Catalog# NA1803).

This MULTIVAP combines gentle heating of an with nitrogen with vortex shearing technology. Reaching temperatures up to 120°C, this instrument is ideal for labs working with solvents with high boiling points. The nitrogen distribution manifold Adjustable manifolds with removable nozzles per samples. This allows each row to be shut off when not in use, conserving nitrogen.



STANDARD FEATURES

- Adjustable flow meter to conserve nitrogen gas upto 120 deg C and 9 bar pressure
- Digital temperature control maintains user-specified temperature to protect delicate samples
- Toggle switches allow gas to be shut off at each row to conserve nitrogen
- Expertly machined aluminum heat inserts provide optimal heat transfer to sample tubes **(10-22 mm OD)**
- Needle guide to easily align needles with small test tubes.

OPTIONAL FEATURES

- 220 V wiring harness **(Option Code: -2)**
- Z-Purge/intrinsically safe purge case **(Option Code: -Z)**
- Acid resistant coating on instrument and needles **(Option Code: -RT)**

48 Position MULTIVAP Specifications

Heater Type	✓ Water bath	✓ illuminated
Instrument Catalog Number	11848	✓ Upgradation (end point sensor)
Number of Sample Positions	✓ 48(1.2 ml to 60 ml)	✓ upgradation to 230 ml
✓ Gradient and gas control	✓ Nitrogen gas flow with pressure gradient	✓ Each nozzle control for each row
✓ Manifold and nozzle	✓ exchangeable	✓ removable
✓ Control unit	✓ LED 8' touch screen	✓ store method facility
✓ Power consumption	✓ 1000 VA	✓ 1500 VA
✓ Noise level	✓ 40 dB	✓ 70 dB
✓ Gas Flow pressure	9 bar(vortex shearing)	Nitrogen gas flow
Stainless Steel Needles Length and Gauge	4.0 in x 19ga 102 mm x 19ga	4.0 in x 19ga 102 mm x 19ga
✓ Exhaust Assembly	Inbuilt exhaust with system	✓ Also installed in fume hood
✓ Electrical supply	220 V/ 50-60 Hz	Indian condition

Heating Device Specifications

Certificate	✓ CE, ISO	✓ CB, NRTL
✓ Drain port Alarm	✓ Inbuilt Inbuilt on evaporation	✓ Alarm facility
✓ Sleep mode	✓ Auto start	✓ Sleep mode
✓ Temperature Range	✓ 30-120 °C	Ambient
Temperature Controller Type and Controller Accuracy	Digital +/- 2°C	N/A