

## 80 Position MULTIVAP® Nitrogen Evaporator

### DESCRIPTION

The 80 Position MULTIVAP (Catalog# 11880) is a high temperature dry block unit, designed for large batches of small volume samples. It can accommodate a sample tube size anywhere from 10 to 17 mm OD. This unit comes standard with a needle guide to effortlessly center the distribution manifold over small tubes.

This MULTIVAP includes one machined heat block, expertly machined specifically for the user's tube size. This instrument is designed for customers who will be using one specific tube size. The customized heat block ensures a proper fit and optimal heat transfer for that one tube size.

This MULTIVAP combines gentle heating of an aluminum dry block with nitrogen blowdown. Reaching temperatures up to 120°C, this instrument is ideal for labs working with solvents with high boiling points. The nitrogen distribution manifold offers continuous and evenly dispersed gas flow to each sample position through stainless steel needles. The manifold also has a toggle switch for every row of ten samples. This allows each row to be shut off when not in use, conserving nitrogen.



### STANDARD FEATURES

- Adjustable flow meter to conserve nitrogen gas **(0-25 LPM)**
- 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 block provides optimal heat transfer to sample tubes **(10-17 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)**

80 Position MULTIVAP Specifications		
Heater Type	Dry Block	None
Instrument Catalog Number	11880	11880-O
Number of Sample Positions	80	80
Overall Dimensions (W x D x H)	15.25 x 14 x 30 in 39 x 36 x 76 cm	13 x 15 x 26 in 33 x 38 x 66 cm
Test Tube Diameter	10-17 mm OD	10-17 mm OD
Gas Manifold Layout	8 x 10 Array	8 x 10 Array
Center to Center Spacing Between Positions	0.8 in 2.03 cm	0.8 in 2.03 cm
Gas Flow Meter	0-25 LPM	0-25 LPM
Stainless Steel Needles Length and Gauge	4.0 in x 19ga 102 mm x 19ga	4.0 in x 19ga 102 mm x 19ga
Hoist Assembly	Dual Pulley & Band Springs	Dual Pulley & Band Springs
Built-in Gas Regulator Input	30-110 psi	30-110 psi
Heating Device Specifications		
Model Number	9156	N/A
Outside Dimensions (W x D x H)	15.25 x 14 x 6.5 in 39 x 36 x 15 cm	N/A
Total Wattage	900 W	N/A
Temperature Range	30-120 °C	Ambient
Temperature Controller Type and Controller Accuracy	Digital +/- 2°C	N/A