

## 12 Position N-EVAP® Nitrogen Evaporator

### DESCRIPTION

First introduced in 1959, the 12 position N-EVAP (Catalog# 11155) has evolved to be an extremely durable, time tested and highly affordable member of the N-EVAP line. It has the smallest footprint of the N-EVAP line, helping to conserve valuable bench space.

The 12 position N-EVAP has an adjustable spring design, making it ideal for laboratories that will be using a wide variety of sample tube sizes. Its circular rotating design permits each sample to be accessible from the front of the instrument for easy insertion and retrieval.

These economical units provide controlled concentration of samples using nitrogen gas blowdown along with a heated water or dry bath. The needles can be raised and lowered at each individual sample position. The needle valves allow for precise, adjustable nitrogen flow to each sample, promoting efficient evaporation with minimal nitrogen consumption.

### STANDARD FEATURES

- Adjustable flow meter to conserve nitrogen gas **(0-10 LPM)**
- Needle valves to adjust gas flow to each individual sample
- Sample holder fits a wide variety of tube sizes at once **(10-30 mm OD)**
- Hoist for easy lifting and lowering of the samples **(except in dry bath model)**



### OPTIONAL FEATURES

- 220v wiring harness **(Option Code: -2)**
- Z-Purge/intrinsically safe purge case **(Option Code: -Z)**
- Acid resistant coating on instrument and needles **(Option Code: -RT)**
- Small sample holder **(For 5-16 mm OD tubes)**

<b>12 Position N-EVAP Specifications</b>			
<b>Bath Type</b>	Water	Dry	None
<b>Instrument Catalog Number</b>	11155	11155-DA	11155-O
<b>Number of Sample Positions</b>	12	12	12
<b>Overall Dimensions (W x D x H)</b>	13 x 11 x 31 in 33 x 28 x 79 cm	13 x 11 x 27.5 in 33 x 28 x 70 cm	12 x 8 x 31 in 31 x 21 x 79 cm
<b>Standard Sample Holder Test Tube Range</b>	10-30 mm OD	10-30 mm OD	10-30 mm OD
<b>Optional Sample Holder Test Tube Range</b>	5-16 mm OD	5-16 mm OD	5-16 mm OD
<b>Gas Flow Meter</b>	0-10 LPM	0-10 LPM	0-10 LPM
<b>Stainless Steel Needles Length and Gauge</b>	4.0 in x 19 ga 102 mm x 19 ga	4.0 in x 19 ga 102 mm x 19 ga	4.0 in x 19 ga 102 mm x 19 ga
<b>Sample Tray Lift Mechanism</b>	Dual Band Spring Hoist Assembly	None / Fixed	Dual Band Spring Hoist Assembly
<b>Standard Gas Input Range</b>	20-30 psi	20-30 psi	20-30 psi
<b>Heating Device Specifications</b>			
<b>Bath Model Number</b>	5585	5085	N/A
<b>Heating Medium</b>	Water	Aluminum Beads (Glass Beads in -RT Models)	None
<b>Inside Bath Dimensions (Diameter x Depth)</b>	8.5 x 4.5 in 21.6 x 11.4 cm	8.5 x 4.5 in 21.6 x 11.4 cm	N/A
<b>Outside Bath Dimensions (W x D x H)</b>	13 x 11 x 7 in 33 x 28 x 18 cm	13 x 11 x 7 in 33 x 28 x 18 cm	N/A
<b>Total Wattage</b>	550 W	500 W	N/A
<b>Bath Temperature Range</b>	30-90 °C	40-130 °C	N/A
<b>Temperature Controller Type and Controller Accuracy</b>	Mechanical +/- 2°C	Mechanical +/- 2°C	N/A