

24 Position N-EVAP® Nitrogen Evaporator

DESCRIPTION

The 24 position N-EVAP (Catalog# 11250) is Organomation's most popular nitrogen evaporator. Time tested technology and proven construction ensure a long lasting, user-friendly experience.

This unit has an adjustable spring design allowing it to accommodate a range of different sample tubes and vials at once. It is ideal for laboratories that need an evaporator for more than one process.

This unit provides controlled concentration of samples using nitrogen gas blowdown along with a heated water or dry bath. The needles can be raised and lowered individually, while gas flow to each sample is controlled through individual needle valves. This allows the perfect amount of nitrogen to reach each sample with minimal waste.

Evaporation of small samples can be achieved with or without the heated water bath if desired.



STANDARD FEATURES

- Adjustable flow meter to conserve nitrogen gas **(0-20 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)**
- Large 8 position sample holder **(For 30-70 mm OD tubes)**

24 Position N-EVAP Specifications			
Bath Type	Water	Dry	None
Instrument Catalog Number	11250	11250-DA	11250-O
Number of Sample Positions	24	24	24
Overall Dimensions (W x D x H)	16 x 15 x 33 in 41 x 38 x 84 cm	16 x 15 x 27.5 in 41 x 38 x 70 cm	15.25 x 12 x 31.75 in 39 x 31 x 81 cm
Standard Sample Holder Test Tube Range	10-30 mm OD	10-30 mm OD	10-30 mm OD
Optional Sample Holder Test Tube Range	30-70 mm OD	30-70 mm OD	30-70 mm OD
Gas Flow Meter	0-20 LPM	0-20 LPM	0-20 LPM
Stainless Steel Needles Length and Gauge	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
Sample Tray Lift Mechanism	Dual Band Spring Hoist Assembly	None / Fixed	Dual Band Spring Hoist Assembly
Standard Gas Input Range	20-30 psi	20-30 psi	20-30 psi
Heating Device Specifications			
Bath Model Number	9125	5125	N/A
Heating Medium	Water	Aluminum Beads (Glass Beads in -RT Models)	None
Inside Bath Dimensions (Diameter x Depth)	12 x 4.5 in 30.5 x 11.4 cm	12 x 4.5 in 30.5 x 11.4 cm	N/A
Outside Bath Dimensions (W x D x H)	16 x 15 x 7 in 41 x 38 x 18 cm	16 x 15 x 7 in 41 x 38 x 18 cm	N/A
Total Wattage	900 W	540 W	N/A
Bath Temperature Range	30-90 °C	40-130 °C	N/A
Temperature Controller Type and Controller Accuracy	Mechanical +/- 2°C	Mechanical +/- 2°C	N/A