

20 Position Auto N-EVAP® Nitrogen Evaporator

DESCRIPTION

The Automatic 20 position N-EVAP (Catalog# 11220-A) is the most advanced instrument Organomation has developed to date. It combines the standard N-EVAP features with timed automation technology. This unit uses our unique pneumatic system which removes samples from the heating medium when the designated time cycle has been completed. A digital control system provides the operator with timed control of gas flow and bath temperature. The automatic concentration cycle reduces the likelihood of damage to samples due to prolonged heat exposure.

Like the rest of the N-EVAP line, the needles on the Auto 20 can be raised and lowered individually, while needle valves allow precise adjustment of the gas flow rate at each sample position. Samples sit in a heated water bath under gentle nitrogen blowdown, leading to efficient sample concentration.



STANDARD FEATURES

- Adjustable flow meter to conserve nitrogen gas **(0-25 LPM)**
- Needle valves to adjust gas flow to each individual sample
- Digital control system including pressure regulator, timer, & digital temp. controller
- Timed pneumatic system automates sample concentration
- Ability to be operated manually or automatically

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)**

20 Position Automatic N-EVAP Specifications	
Bath Type	Water
Instrument Catalog Number	11220-A
Number of Sample Positions	20
Overall Dimensions (W x D x H)	19 x 18 x 36 in 49 x 46 x 92 cm
Standard Sample Holder Test Tube Range	10-30 mm
Gas Flow Meter	0-25 LPM
Stainless Steel Needles Length and Gauge	4.0 in x 19 ga 102 mm x 19 ga
Sample Tray Lift Mechanism	Pneumatic Gas Piston
Standard Gas Input Range	50-110 psi
Heating Device Specifications	
Bath Model Number	11196
Heating Medium	Water
Inside Bath Dimensions (Diameter x Depth)	11 x 5.5 in 28 x 14 cm
Outside Bath Dimensions (W x D x H)	19 x 18 x 7 in 49 x 46 x 18 cm
Total Wattage	1100 W
Bath Temperature Range	30-100 °C
Temperature Controller Type and Controller Accuracy	Digital +/- 2°C