

# Organomation®

*Your Partners in Sample Preparation since 1959*



**N-EVAP**



**MULTIVAP**



**MICROVAP**

## Nitrogen Blowdown Evaporator Catalog

# Flexibility and Individualization for Your Sample Preparation Needs

One of the most popular nitrogen evaporators in the market today, the N-EVAP continues to be Organomation's best selling product line. Each N-EVAP is able to process different size sample vials at once, which is an invaluable feature in environments where large batches of identical samples are not the norm. Additionally, the needle valve at each position allows for individualized control of gas flow to each sample. By providing chemists with full control of their evaporation process, in combination with an easy to use design and durable construction, it is no wonder the N-EVAP has become a mainstay in laboratories worldwide.



24 Position N-EVAP  
*Catalog #11250*

- The 24 Position N-EVAP is Organomation's most popular instrument
- The sample holder accepts vials between 10 and 30 mm in diameter. Easily insert and remove samples with the front loading rotation feature
- Uniform heat is applied efficiently through an easy to use heating bath, controlled by a mechanical thermostat
- While water baths are the most widely used, dry bath models can be ideal for those with applications requiring high temperatures



45 Position N-EVAP  
*Catalog #11645*

- The 34 & 45 Position N-EVAP combines the iconic features of the N-EVAP with a digital control panel and additional sample capacity
- Adjust and monitor the bath temperature with more precision by utilizing the LED temperature controller
- Our QUICK DRAIN allows you to swiftly and easily drain your water bath with the press of a button

*The N-EVAP product line has a wide variety of models with instruments ranging from six to forty-five sample positions. For those working with corrosive solvents, acid resistant models are available to ensure long lasting operation in a challenging environment.*



# Faster Processing for Large Batch Evaporations

From a dry block evaporator designed for nine 50 mL beakers to a water bath designed for up to 100 small volume samples, the MULTIVAP product line is a perfect match for labs needing to gently and efficiently concentrate batches of similar samples. An array of needles or glass pipettes delivers nitrogen gas directly to the surface of the sample, speeding evaporation. Simply load your samples, lower the manifold, and let the evaporation begin.



48 Position MULTIVAP  
*Catalog #11848*



64 Position MULTIVAP  
*Catalog #11364*

- MULTIVAP dry block models can reach bath temperatures of 30°C to 120°C
- Dry block models available for 9, 30, 48 and 80 samples

- The 64 & 100 position MULTIVAP has a heated water bath that reaches temperatures ranging from 30°C to 100°C
- Easily insert and remove all samples at once with a customized rack

*Each MULTIVAP is customized exactly to your sample vials to ensure optimal heat transfer. High capacity models include a needle guide for easy alignment of needles with small samples – no need to guide each needle into its vial individually!*

*All of our MULTIVAPs include a built in timer to shut both heat and nitrogen gas off for maximum efficiency. If not all of the sample positions are filled, the user is able to conserve nitrogen by toggling off specific rows of the hand built gas flow manifold.*

# Easy to Use Microplate Evaporators that Keep You in Charge

The MICROVAP is an ideal choice for labs looking for a low cost evaporator for microplates and small batches of tube samples. At around 7 kg and under 30 cm across, the MICROVAP is easy to move as needed to make the most of valuable hood space. Like with our MULTIVAPs, all heat blocks are expertly machined to match the user's sample tube dimensions. Versions are available without a heat source for evaporations performed at room temperature.



96 Position MICROVAP  
*Catalog #11801*



Triple Position MICROVAP  
*Catalog #11803*

- The 96 position MICROVAP easily converts between microplates and tube samples in the same heating platform
- Digital temperature controls protect heat sensitive samples
- Unheated versions available for samples requiring evaporation at ambient temperatures
- The triple position MICROVAP combines three 96 needle manifolds and three heat blocks into a single platform for high capacity microplate evaporations
- Aluminum heating provides consistent temperature across all three plates
- Easily switch between using one or all three of the manifolds with a gas flow toggle switch

*Evaporate 24 microcentrifuge tubes, 15 larger sample tubes, or a 96 well plate, all with the same heating platform. If you have limited space, a limited budget, or are evaporating both microplates and test tubes, the MICROVAP is the evaporator for you.*

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