

Organomation™

Laboratory Evaporators and Extractors



**Blowdown Nitrogen
Evaporators for
Sample Vials
Large Volume
Evaporators with
Solvent Collection**



**Your Partners
in Sample
Preparation
since 1959**



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Solvent Evaporators

Organomation's S-EVAP™ solvent evaporators with solvent collection condense and collect evaporated solvent into individual or central collection flasks. These evaporators come in two configurations: S-EVAP-RB for Round Flasks and S-EVAP-KD Evaporators for Kuderna Danish Flasks. Both products are available with digital or mechanical temperature controls. These evaporators come in two configurations: S-EVAP-RB evaporators for Round Flasks and S-EVAP-KD evaporators for Kuderna Danish Flasks.

Mechanical Thermostat:



Digital Temperature Control:



Advantages:

- **Solvent recovery:** Recover up to 97% of starting solvent volume with collection glassware.
- **Protect delicate samples:** Organomation's vacuum insulated concentrator tubes keep delicate samples safe. The water bath is gentler than jacketed concentration tubes in traditional KD set-ups.

Solvent Collection

One of the shortcomings of traditional organic extraction procedures is the large volumes of solvent evaporated with no procedure for collection and proper disposal. The lack of an efficient solvent recovery process can lead to health and environmental hazards, as volatile organic solvents are released into the environment. Organomation's S-EVAP™ solvent evaporators with solvent collection condense and collect excess solvent into individual or central collection flasks.

The S-EVAP-RB and S-EVAP-KD evaporators are each capable of up to 97% solvent recovery



Central Collection:

- Central location adds solvent collection capabilities while maintaining the same footprint
- Solvent can be drained from the collection glassware
- Collection glassware can hold either 2.5L or 4L of solvent depending on the configuration
- This option is only available for S-EVAP-KD instruments



Individual Collection:

- Allows the solvent from each sample position to be analyzed separately
- Green clips allow collection glassware to be removed with ease
- This option is available for both S-EVAP-KD and S-EVAP-RB instruments

