

Large Scale 8 Position Solvent Evaporator (S-EVAP-KD)

DESCRIPTION

The 8 Position S-EVAP-KD (Catalog# 12018) combines standard KD evaporation procedures with our unique rotary water bath and manifold, increasing sample throughput and bench space. The S-EVAP solvent evaporators can accommodate a broad range of applications, making them a staple in a wide variety of labs.

This evaporator comes with an electronic side control box which enables the operator to program specific bath temperatures and time cycles. It can hold up to eight 500 mL KD flasks. Optional adapter rings are also available, which allow the S-EVAPs to fit 250 mL samples as well. This unit can accommodate glassware for both central solvent collection and individual solvent collection.

The 8 Position S-EVAP-KD can recover up to 97% of starting solvent through individual or central collection. This reduces laboratory emissions and increases laboratory and environmental safety. The S-EVAP-KD can also easily fit within any standard fume hood due to the use of our reduced height glassware. The circular rotating design also allows each sample to be accessed from the front for easy retrieval.



Central
Solvent
Collection



Individual
Solvent
Collection

STANDARD FEATURES

- Side control box with digital timer and heat controls
- Centrally located water manifold allows for one water supply line in and one drain line out to prevent tangling
- Organomation vacuum insulated concentrator tubes keep delicate samples safe
- Individual or central flasks allow up to 97% recovery of starting solvent

OPTIONAL FEATURES

- 220 V wiring harness (**Option Code: -2**)
- Z-Purge/intrinsically safe purge case (**Option Code: -Z**)
- Adapter rings to accommodate 250 mL flasks (**Catalog# XA2284**)

8 Position S-EVAP-KD Specifications	
Instrument Catalog Number	12018
Number of Samples	8
Application	Kuderna-Danish Flasks/Deep Bath
Individual Solvent Collection Specifications	
Overall Dimensions	26 x 24 x 39 in 66 x 61 x 99 cm
Glassware 500 mL	GS2153
Sample Flask Type and Size	Kuderna-Danish; 19/22, 24/40
Concentrator Tube Type and Size	Insulated Tip; 10 mL, 19/22
Snyder Column Type and Size	Three Ball; 253 mm, 24/40
Condenser Type and Size	Inverted Hopkins; 260 mm, 24/40
Collection Flask Type and Size	Round with Flat Bottom; 500 mL
Central Solvent Collection Specifications	
Overall Dimensions (W x D x H)	24 x 19 x 39 in 61 x 48 x 99 cm
Glassware 500 mL	GS2153-C
Sample Flask Type and Size	Kuderna-Danish; 19/22, 24/40
Concentrator Tube Type and Size	Insulated Tip; 10 mL, 19/22
Snyder Column Type and Size	Three Ball; 253 mm, 24/40
Condenser Type and Size	Inverted Hopkins; 260 mm, 24/40 ¼ in Tube Fitting
Central Collection Flask Type and Size	8 Port; Round 4.0 L
Central Collection Flask Catalog Number	GS2158-C8
Heating Device Specifications	
Bath Model Number	14165 (for 240 V models) 16165 (for 120 V models)
Inside Dimensions (Diameter x Depth)	16 x 8.5 in 40.6 x 21.6 cm
Outside Dimensions (W x D x H)	24 x 19 x 10 in 61 x 48 x 25 cm
Total Wattage	1400 W (for 240 V models) 1600 W (for 120 V models)
Bath Temperature Range	30-100 °C
Temperature Controller Type and Controller Accuracy	Digital +/- 2 °C