

# Organomation Associates, Inc.

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## Solvent Evaporator Instrument Features

Instrument Name Application	S - E V A P - R B Round Flasks/Shallow Bath			S - E V A P - K D Kuderna-Danish Flasks/Deep Bath				
Heating Unit Size	12 inch id		16 in id	12 inch id			16 in id	
Number of Sample Positions	8	5	10	8	5	8	5	
<b>Individual Solvent Collection</b>								
System Catalog Number	12065	12085	12095	12025	12035	12015	N/A	
Overall Dimensions w x d x h	24x22x30 in 61x56x76 cm		26x24x30 in 66x61x76 cm	24x22x40 in 61x56x102 cm		26x24x39 in 66x61x99 cm		
Glassware 125ml	GS2161		GS2161	GS2152		GS2152		
Glassware 250ml	GS2162	GS2162	GS2162	GS2152	GS2152	GS2152		
Glassware 500ml	GS2163			GS2153		GS2153		
Solvent Flask Type & Largest Size	250 ml	Round w Flat Bottom 500 ml		250 ml	Kuderna-Danish 19/22 24/40 500 ml			
Concentrator Tube	N/A			Insulated Tip 10 ml 19/22				
Snyder Column	N/A			Three Ball 253 mm 24/40 24/40				
Condenser Type & Size	Inverted Hopkins 375 mm 24/40 24/40			Inverted Hopkins 260 mm 24/40 24/40				
Collection Flask Type & Size	250 ml	Round w Flat Bottom 500 ml		250 ml	Round w Flat Bottom 500 ml			
<b>Central Solvent Collection</b>								
System Catalog Number	12065-C8	12085-C5	12095-C5	12025-C8	12035-C5	12015-C8		12045-C5
Overall Dimensions w x d x h	18x16x32 in 46x41x81 cm		24x19x32 in 61x48x81 cm	18x16x40 in 46x41x102 cm		24x19x39 in 61x48x99 cm		
Glassware 250ml	GS2162-C		GS2162-C	GS2152-C		GS2152-C		
Glassware 500ml	GS2163-C			GS2153-C		GS2153-C		
Glassware 1000ml	GS2156-C8		GS2156-C5	GS2156-C5		GS2158-C5		
Condenser Type & Size	Inverted Hopkins 375 mm 24/40 1/4 in Tube Fitting			Inverted Hopkins 260 mm 24/40 1/4 in Tube Fitting				
Central Collection Flask Type & Size	8 Port		Round 2.5 l Central 5 port	8 Port		Round 4.0 l Central 5 Port		
Catalog Number	GS2156-C8	GS2156-C5	GS2156-C5	GS2156-C8	GS2156-C5	GS2158-C8	GS2158-C5	
Complete systems include the largest flask that fits. The next size smaller flask can also be used with adapter rings.								
Instrument Catalog Number	12060	12080	12090	12027	12037	12018	12048	
<u>Instrument Standard Features:</u>				<u>Instrument Options:</u>				
Condenser holder assembly for solvent recovery condensers.				Nitrogen purge manifold, fittings & tubing (-N).				
Parallel water supply/drain manifolds with quick disconnect tube fittings.				Vacuum manifold, fittings, tubing & gauge (-V).				
One water supply line in, one drain line out.				Delete condenser holder/water manifold assembly (-DC).				
Instrument rotates unhindered with sealed water supply/drain fitting.				Reduced height system, 32 inch tall for KD flasks/deep bath (-S) uses glass set GS2152-S or GS2153-S with combo cond/Snyder columnn.				

### OA-SYS Heating Device Specifications

Bath Model Number	10125	14165-C	10129	14169-C
Inside Dimensions	12.0x 4.5 in	16.0x 4.5 in	12.0x 8.5 in	16.0x 8.5 in
Diameter x Depth	30.5x11.4 cm	40.6x11.4 cm	30.5x21.6 cm	40.6x21.6 cm
Outside Dimensions	18x16x 7 in	24x19x 6in	18x16x11 in	24x19x10 in
w x d x h	46x41x18 cm	61x48x15 cm	46x41x28 cm	61x48x25 cm
Heaters Total Watts	1000 w		1400 w	
Type of Temperature Controller	Mechanical Thermostat		Mechanical Thermostat	
Accuracy	+/- 2 C		+/- 2 C	
<u>Water Bath Standard Features:</u>		<u>Water Bath Options:</u>		
Stainless steel construction.		Intrinsically safe type Z purged bath (-Z).		240 volt wiring and plug (-2).
Temperature range 30 - 100 C.		Intrinsically safe active type Z purged bath (-ZX).		GFCI electrical adapter # BP0409
Stepped bath rim.		Digital electronic temperature control +/- .5 C (-E on model 10125, 10129)		