

DROSOPHILA AND SMALL INSECT CHAMBERS

Drosophila chambers offer a comfortable and controlled environment for raising, breeding or experimenting with fruit flies, mosquitos, sand flies and other insects. These chambers have a 15-60°C temperature range, with digital control and display and temperature failsafes to protect the chamber. Casters, epoxy-coated wire shelves and a 60°C mite cycle are standard features on all models. In addition, there are two types of refrigeration systems to choose from: standard R134A vapor cycle with Electrofin coated coil or thermoelectric (Peltier) cooling.

Because different insect species, or research with them, demand differing levels of temperature/humidity/lighting, three levels of parameter control are offered on most size chambers. When requesting a price quotation, please specify the model and level that interests you.

Level 1 - Temperature control, glass door for room light penetration, interior door light with on/off switch and an RH Meter.

Level 2 - Temperature and lighting control, solid door with vertical clock-controlled lights* (one on each side of the door opening) and an RH meter. A pan of water can be placed on the stainless steel bottom pan of the chamber for moisture.

Level 3 - Temperature, lighting and additive humidity control, aluminum interior, solid door with vertical clock-controlled lights (one on each side of the door opening), an RH meter and tap-water fed ultrasonic humidity generator controlled by a humidistat. Additive humidity control in the 60-85% range.

*Lights in the DROS27SD are horizontally mounted, one per shelf

Options such as an alarm, multi-point temperature control, clock controlled high/low temperature settings, fresh air intake, higher intensity lighting, extra shelves and stainless steel exterior are also available. Please check out our accessories sheet.



Model DROS33SD Level 3 (with optional alarm)

Model	Style	Levels Offered with Standard Refrigeration	Levels Offered with Thermoelectric Coolers	Capacity (ft ³ /liters)	Dimensions		# Shelves and Size	# Lights	Electrical*** (domestic)	HP Required	Shipping Weight (lbs/kg)
					Exterior** (in/cm)	Interior (in/cm)					
DROS27SD		2	-	6/170	31/79	W 23/59	2	2	115/60/1 15 amps	1/5	160/75
					30/76	D 17/43					
					32.5/83	H 24/61					
DROS26SD		1, 2	2, 3	10/285	26/66	W 22/56	3	2	115/60/1 15 amps	1/5	225/100
					22/56	D 19/48					
					60/152	H 42/104					
DROS28SSD		1, 2	2, 3	24/680	28/71	W 24/61	4	2	115/60/1 15 amps	1/3	375/170
					31/79	D 29/74					
					78.5/199	H 57.5/146					
DROS33SD		1, 2	2, 3	27/765	33/84	W 29/74	4	2	115/60/1 15 amps	1/3	400/180
					29/74	D 27/69					
					78.5/199	H 57.5/146					
DROT33SD/TE		-	2, 3	30/850	33/84	W 29/74	5	2	115/60/1 15 amps	N/A	425/195
					29/74	D 24/61					
					78.5/199	H 69/175					
DROS52SD		1, 2	-	43/1220	52/132	W 48/122	8	3	115/60/1 20 amps	1/3	550/260
					31/79	D 26/66					
					78.5/199	H 57.5/146					

**Excluding casters.

***Electric requirements will be greater for chambers requiring RH control (Level 3).



BETATEK INC.

Instrumentation Superbly Supported

L'instrumentation à son meilleur

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