

Refrigerated Incubators & Non-Refrigerated Incubators

Refrigerated incubators have a temperature range of 2-50°C, ± 1°C in air, measured at the sensor. These versatile chambers can be adapted to create environments requiring vibration resistance, complete darkness, intense lighting, HEPA-filtered air, or a combination of variables. A microprocessor controls and displays the chamber temperature and a high temperature mechanical failsafe protects chamber contents in the unlikely event of a temperature excursion. Turn to our Accessories Sheet to select options you may want to add to the basic models for your specific application.

Applications with temperature requirements of 35-60°C do not need the refrigeration components on an incubator – please ask for a non-refrigerated incubator price and specify your temperature needs.



Model IS72GD with outlets



Model IS33SD

Model	Style	Capacity cu ft/liters	Dimensions		# Shelves Total Shelf Area sq ft/m ²	# Lights	Electrical (domestic)	HP	Shipping weight lbs/kgs
			Exterior in/cm	Interior in/cm					
IS28SD		20/566	28/71	W 24/61	4 16/1.5	1	115/60/1 15A	1/3	400/180
			31/79	D 24/61					
			78.5/200	H 55/140					
IS33SD		25/708	33/84	W 29/74	4 18.6/1.73	1	115/60/1 15A	1/3	400/180
			29/74	D 24/61					
			78.5/200	H 55/140					
IS52GD IS52SD		42/1190	52/132	W 48/122	8 32/3.0	2	115/60/1 15A	1/3	575/260
			31/79	D 24/61					
			78.5/200	H 55/140					
IT54GD IT54SD		53/1500	54/138	W 48/122	8 32/3.0	2 (GD) 3 (SD)	115/60/1 15A	1/2	650/295
			31/79	D 24/61					
			78.5/200*	H 69/175					
IS72GD IS72SD		55/1560	72/183	W 66/168	8 42.7/4.0	2 (GD) 3 (SD)	115/60/1 15A	1/2	750/340
			31/79	D 24/61					
			78.5/200	H 55/140					
IT70GD IT70SD		72/2040	70/178	W 66/168	8 42.7/4.0	2 (GD) 3 (SD)	115/60/1 15A	1/2	800/364
			31/79	D 24/61					
			78.5/200*	H 69/175					
IS79GD IS79SD		63/1780	79/201	W 73/186	12 48/4.5	4 (GD) 3 (SD)	115/60/1 15A	1/2	900/409
			31/79	D 24/61					
			78.5/200	H 55/140					
IT79GD IT79SD		79/2236	79/201	W 73/186	12 48/4.5	4 (GD) 3 (SD)	115/60/1 20A	1/2+	950/432
			31/79	D 24/61					
			78.5/200*	H 69/175					

* Irreducible cabinet height. Fully assembled height is 86.5" (220 cm).

Humidified Incubators

If your research requires warm temperatures, controlled additive humidity (>60% RH), and little or no light - these chambers may meet your needs. With an operating temperature range of 18-50°C, ±1°C measured at the sensor, and two humidity source options to choose from, these chambers provide the perfect environment for a wide range of uses, including ninhydrin testing, drywall (gypsum) stability, cement curing stability, and product/package shelf life testing. Chamber conditions are monitored and displayed digitally on twin microprocessors. Air flows vertically up through the four levels of shelves, and interior lighting allows viewing or product identification through the glass doors. The rugged stainless steel cabinet rolls easily on casters. To customize this product, select options from the Accessories Sheet.



Model HIS33SD

Model	Style	Options for 60-90% RH Range*	Capacity cu ft/liters	Dimensions		# Shelves Total Shelf Area sq ft/m	Number of Lights	Electrical	HP Required	Shipping weight lbs/kgs
				Exterior** in/cm	Interior in/cm					
HIS33SD		UP (±5%)	25/708	33/84	W 29/74	4	1	115/60/1 30 amps	1/3	500/227
		or TW (±10%)		29/74	D 24/61					
HIT52SDSM		UP (±5%)	30/850	52/132	W 29/74	4	1	115/60/1 30 amps	1/3	500/227
		or TW (±10%)		31/79	D 24/61					
HIS52SD		UP (±5%)	42/1190	52/132	W 48/122	8	2	115/60/1 30 amps	1/3	625/284
		or TW (±10%)		31/79	D 24/61					
HIT89SDSM		UP (±5%)	72/2040	89/228	W 66/168	8	2	115/230/60/1 30 amps	1/2+	900/409
		or TW (±10%)		31/79	D 24/61					

*Option "UP" requires ultra pure de-ionized water (16-18 megohms resistivity); Option "TW" uses tap water

**Excluding casters