







# Temperature Only or Temperature/Humidity Stability Chambers

Designed to provide controlled temperature or temperature/humidity environments for shelf life testing of cosmeceutical, nutraceutical and pharmaceutical products and packaging, these chambers offer FDA and ICH compliance at a reasonable price. Each chamber has an alarm to monitor chamber performance with an access port for remote sensors to record data (optional chart recorder). Conditioned air flows horizontally through louvered portholes that balance air pressure for even distribution across each tray. Ten levels of stainless steel lipped trays offer 37.5 or 72 ft<sup>2</sup> (3.5 or 7 m<sup>2</sup>) of storage space, depending on the model. The stainless steel cabinet has heated double-glass doors (optional solid) for quick product identification to minimize door-ajar disruptions. Both the chamber door(s) and control panel are lockable. Options available include RS-232 ports or retransmit outputs for remote monitoring and ultra-pure DI water re-circulation systems for applications where high quality water is not available.

- ~ Microprocessor controlled temperature range,  $\pm 0.5^{\circ}\text{C}$  at the sensor
- ~ Microprocessor controlled additive RH, 50-80% RH,  $\pm 2\%$  at the sensor (if ordered)
- ~ Audible/visual hi-low alarm (temperature only or temperature/RH, depending on chamber ordered)
- ~ Access port for remote sensor entry
- ~ OPTIONAL chart recorder, seven day (1 pen or 2 pens, depending on need)
- ~ Lockable Plexiglas control panel cover
- ~ High and low temperature failsafes
- ~ Stainless steel interior and exterior
- ~ Ten stainless steel trays per door
- ~ Lockable, double pane hinged and heated glass doors
- ~ Locking casters, 4"
- ~ Condensate pump (for temperature/RH chambers)
- ~ Height of chamber sized to fit through 32" x 78" doorways
- ~ One year parts and labor warranty
- ~ Four additional years on the compressor (part only)

Model	Style	Temp Selection and Uniformity	Humidity Selection and Uniformity	Capacity (ft <sup>3</sup> /liters)	Total Shelf Area (ft <sup>2</sup> /m <sup>2</sup> )	Dimensions		Electrical Required (Domestic)	HP	Shipping Weight (lbs/kg)
						Exterior** (in/cm)	Interior (in/cm)			
SLT52SD/T		5-20°C $\pm 0.5^{\circ}$ *	None	31/880	37.5/3.5	52/132 W 29/74 D 74.5/189 H	29/74 25/64 69/175	115/60/1 L5-20P	1/3	700/320
SLT52SD/T		20-50°C $\pm 0.5^{\circ}$ *	None	31/880	37.5/3.5	52/132 W 29/74 D 74.5/189 H	29/74 25/64 69/175	115/60/1 L5-20P	1/3	700/320
SLT52SD/RH		20-50°C $\pm 0.5^{\circ}$ *	50-80% $\pm 2\%$ *	31/880	37.5/3.5	52/132 W 29/74 D 74.5/189 H	29/74 25/64 69/175	115/60/1 L5-30P	1/3	700/320
SLT89SD/T		5-20°C $\pm 0.5^{\circ}$ *	None	72/2040	75/7	89/226 W 31/79 D 77/196 H	66/167 26/66 69/175	115/60/1 L5-30P	1/2	1000/455
SLT89SD/T		20-50°C $\pm 0.5^{\circ}$ *	None	72/2040	75/7	89/226 W 31/79 D 77/196 H	66/167 26/66 69/175	115/60/1 L5-30P	1/2	1000/455
SLT89SD/RH		20-50°C $\pm 0.5^{\circ}$ *	50-80% $\pm 2\%$ *	72/2040	75/7	89/226 W 31/79 D 77/196 H	66/167 26/66 69/175	115/230/60/1 L14-30P	1/2	1000/455

Temp/RH chambers are designed for one combination of parameters unless specified at time of order.

\*At the sensor      \*\*Exterior height before casters are installed



Model SLT89SD/RH  
with optional chart recorder



Ultra pure Water  
Recirculation System  
(optional)



Model SLT52SD/RH  
with optional chart recorder