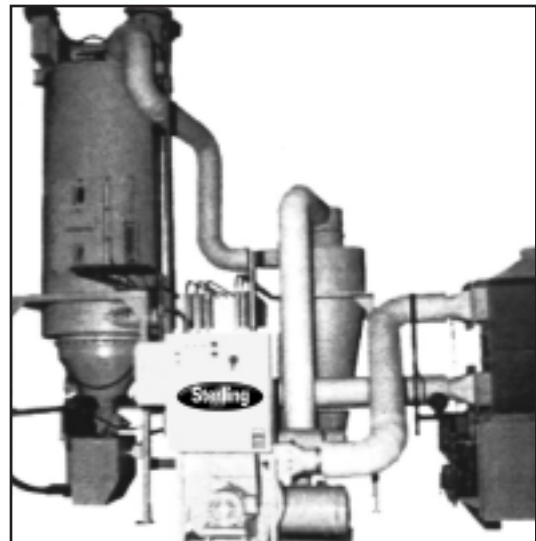


SLOW SPEED AGITATION MINIMIZES DEGRADATION

Sterling's SCL Series crystallizers are used to crystallize amorphous material in a continuous process. Slow speed agitation of the material prevents agglomeration and minimized product degradation.

SCL Series resin crystallizers are engineered for each application. Consult factory for lead time and price. All gasket material is capable of withstanding process air temperatures in excess of 350° F.



Features

- Agitated hopper with floor stand
- High temperature (400°F maximum) blower and heater assembly
- Fully insulated, mild steel hopper
- Hinged door with sight glass
 - Safety interlock
- High and low level sensors
- Mid-level thermocouple
- Heavy-duty drive and agitator arm assembly
- Rotary air lock
- Surge hopper with high level shut down
- Duct work for typical installation
- Relay control logic
- 460/3/60
- Requires positive shut-off vacuum receiver to load crystallizer
- Two position take-off box is recommended

Options

- Gas-fired air heater
- Dust collection system (in addition to cyclone)
- Stainless steel hopper construction
- Mezzanine mount hopper
- Dual hinged access doors
- Additional sight glass
- Mid-level sensor
- Additional thermocouple (specify position)

SCL SERIES

Crystallizers

SPECIFICATIONS

Model	Max. Throughput, lbs./hr	Hopper Capacity, cu. ft. (liter)	Dryer Size, CFM (m ³ /hr)	Duct Size, in.
SCL 90	90	5 (140)	85 (145)	4
SCL 180	180	10 (285)	185 (315)	4
SCL 270	270	15 (425)	255 (430)	4
SCL 450	450	25 (710)	400 (680)	6
SCL 660	660	37 (1050)	600 (1015)	6
SCL 900	900	50 (1415)	750 (1270)	6
SCL 1350	1350	75 (2125)	1200 (2035)	8
SCL 1800	1800	100 (2830)	1500 (2550)	8
SCL 2700	2700	150 (4250)	2700 (4580)	10
SCL 4000	4000	CF	N/A	N/A

CF = Consult factory