

Saurin

SL-10 SL-20

SPRAY DRYER LABORATORY RANGE

The **Saurin SL** range of Spray Dryers have been developed to meet the increased expectation of the customer for total automation, ease of operation and computer data logging- all at an affordable price.



Features:

- Unique twin fluid nozzle
- Mobile, compact, stand alone design
- Fully automatic operation
- Programmable logic control
- SS 316 material of construction
- Design allows for floor level access
- Data logging facility
- Mirror polish finish

Benefits:

- Ease of cleaning- unit can be cleaned in under 30 minutes
- Low maintenance due to robust heat element and quality construction
- Compact design- able to fit through standard doorway
- Integrated sterilising cycle
- Operator friendly
- Single point connection for compressed air and electrical services
- Wide range of operating conditions
- Transportable and robust



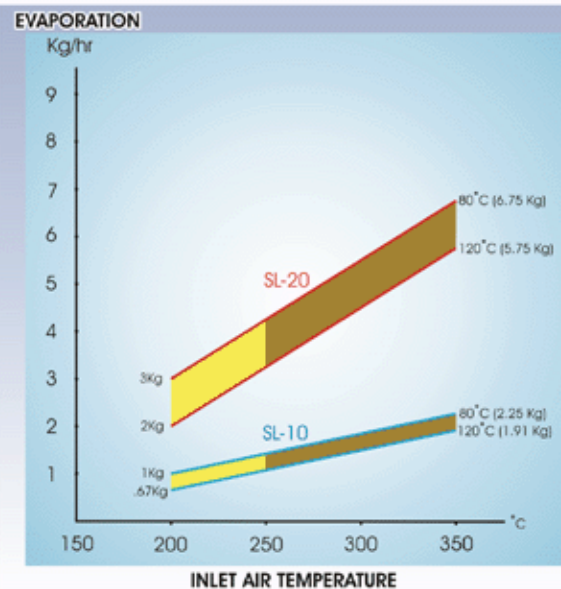
Our exclusive Control Panel allows monitoring and control of drying parameters. The LCD screen displays the operating conditions and logs to a computer.

Technical Specifications

Parameter	SL-10	SL-20
Inlet Temperature	150°C (302°F) to 250°C (482°F) depending on the product type. Temperatures up to 400°C (752°F) are possible as an option	
Capacity	1.0 Kg (2.20 lbs)	3 Kg (6.6 lbs)
	Evaporation/hr at 200°C (392°F) inlet / 80°C (176°F) outlet. Please ask for our graph to calculate the evaporation at other temperatures.	
Minimum Solids	5 % TS	5 % TS
Minimum Sample Volume	50 ml	300 ml
Data Logging Option	Data logging Kit consisting of Software+Interface Device+Manual+Interconnecting Leads. Transfers operational data to a PC.	
Power Supply	220-240 V / 1 ph / 50 Hz 220-240 V / 1 ph / 60 Hz	440 V 3phase 50 Hz (Other options available)
Connected Load	5.5 KW	10.5 KW
Maximum Solids	40% to 60% (limited by viscosity)	40% to 60% (limited by viscosity)
Length	900 mm / 35 inches	1200 mm / 48 inches
Width	400 mm / 16 inches	1200 mm / 48 inches
Height	1500 mm / 59 inches	2500 mm / 98 inches
Shipping Weight	80 Kg (176 lbs) unpacked	250 Kg (550 lbs) unpacked

Options offered:

- Baghouse
- Asceptic design
- Extra high temperature
- Fountain Twin Fluid Nozzle



Saurin Technologies Pty Ltd

ACN: 091 106 946

314 Hammond Road

Dandenong, VIC 3175 Australia

Ph 61-3-9706 6777 Fax 61-3-9706 5879

sales@saurin.com.au www.saurin.com.au