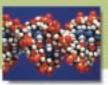
Lab-Line **Incubators**









Low Temperature Incubator Shakers



Model 3597

Includes Two FREE Stainless Steel shelves

Product Description

- Observe vessel contents through a viewing window without opening the door.
- 10.4 cu. ft. (295 t) chamber accommodates a variety of 30" x 18" (76 cm x 46 cm) dedicated platforms.
- Corrosion-resistant stainless steel chamber construction.
- Optional light bank is available to mimic day and night conditions for plant and algae growth.
- Optional gassing manifold is available for the addition of CO2 in the chamber.
- One inch ports are available on both sides of the chamber for chart recorders and remote thermocouples.

Perfect for Large Scale Applications!

- Large capacity chamber-10.4 cu. ft. (295 t)
- Two electrical outlets inside chamber to operate auxiliary equipment
- Two additional shelves for extra storage
- 🖈 5 year warranty on parts, 1 year on labor and LIFETIME on drive mechanism

Operation

- Solid state speed selector controls triple eccentric drive mechanism for smooth, uniform shaking from 40 to 400 rpm in a 1" (2.54 cm) orbit.
- Analog hydraulic thermostat regulates temperature from 0°C to 60°C with ± 0.3 °C control at 37 °C; adjust the temperature of the unit to match thermometer temperature.
- Integrated tachometer monitors and displays rpm to guarantee accuracy.
- 24 hour timer can be set for continuous or timed shaking cycles.
- Twin ceiling-mounted blowers maintain uniformity of ±1.2°C throughout the chamber.

Safety

- Safety interlock stops shaking motion when door is opened.
- Two back up hydraulic thermostats for high and low temperature limits. Protect cultures by controlling temperature if main temperature unit fails.

Applications

- Cell culture
- Plant growth
- Extraction procedures
- Bacterial suspensions
- General mixing
- Hybridizations
- Solubility studies

For a complete system, order: 1. Shaker, 2. Platform, 3. Clamps

Product Specifications													
Orbit Dia.	Speed Range	Maximum Load	Temperature Accuracy	Temperature Uniformity	Chamber Dimensions Inches (cm)		Overall Dimensions Inches (cm)			Shipping Weight			
Inches (cm)	rpm	Lb. (kg)	at 37°C	at 37°C	W	H	D	W	H	D	Lb. (kg)		
1" (2.54)	40 to 400	75 (34)	±0.3°C	±1.2°C	33 (84)	26 (66)	21(53)	40 (102)	66 (168)	26 (66)	880 (399)		

Ordering Information										
Model #	Volts	Electrical (50/60 I Amps	dz) Watts	Operating Temp Range °C	US List Price					
3597	120	15.0	1800	0° to 60°C	\$16,753.00					
3597-1	240	7.5	1800	0° to 60°C	\$16,753.00					
			Accessories							
Model #	Description				US List Price					
LB	Light Bank (factory instal	\$1591.97								
PR	Light Bank with Programmer (factory installed)									
GM	Gassing Manifold (factory	\$519.12								
If a 3597 shaker v	with a gassing manifold is desire	ed, order 35970	GM.							