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We were thinking. Always thinking. Always trying to find new ways to give you top-of-the-line products. We have a history of firsts in the industry. But our heads aren't in the past; they're in the future, thinking up other firsts. That's how we keep temperature and pressure constant. That's how our products endure heavy use. And that's how we plan to stay—forever supplying products of constant thinking. And our Incubator Shakers are fine examples of our constant thinking. These incubators will provide a controlled environment for continuous growth of biological organisms. Market applications include: microbiology, tissue culture, cell culture and bacteriology.

Load flexibility

Our unique counter balance weighting system is adjustable to accommodate off-center loads, varying capacities and stroke lengths, which in turn allows smoother running. All available in model SI6/SI6R.

Oxygen transfer

An adjustable orbit allows you to change the rotational stroke from 0.5" (vigorous shaking) to 1" (gentle shaking) to accommodate different types of cells and provides maximum oxygen transfer. All available in model SI6/SI6R.

Sample protection

All major functions—temperature, RPM and time—have alarms that alert you immediately to deviations from set parameters. Over temperature protection is provided via a safety thermostat. Digital keypad operation offers the ability to calibrate the temperature controller to a reference thermometer.

Compact design

The SI6 has a small footprint and its chamber provides shelf space for static incubation during shaking. The SI4 has a transparent hood that lifts up via a hydraulic system so it will function in tight places.

A product of constant thinking for constant use

To better support the load over years of constant use, we utilize four load bearing positions and optimize weight distribution. The ability to achieve below ambient conditions allows new applications such as insect cell research and more.

All of our units feature stainless steel interiors which provide excellent durability and an easy-to-clean surface. A large LED display is easy to read. The rotation platform is included with each unit and is self-centering for easy installation. The SI6 features a fluorescent light, so you can see all that's going on. A PID microprocessor controller provides precise uniformity. The SI6 has an interior electrical outlet and a one inch hermetically sealed, double-paned glass viewing window. A door interlock switch stops rotation upon opening. The SI6R refrigerates via a 1/6-horsepower motorized compressor (produced without CFCs/HCFCs), while cooling coils work with an optional chiller to achieve the same results on the SI4. Best of all, both units are affordable.

Interestingly enough, the first successful in-vitro fertilization in the USA was cultivated in one of our incubators. That just goes to show, once you have a product of constant thinking, it's not about what you can achieve—it's about when.

SI4



SI6/SI6R





Constant thinking.

Incubator Shakers SI4
 SI6
 SI6R

Model Number	SI4 SI4-2	SI6 SI6-2	SI6R SI6R-2
Chamber capacity	113 liters / 4.0 cu. ft.	164 liters / 5.8 cu. ft.	164 liters / 5.8 cu. ft.
Temperature range	ambient +5°C to 60°C	ambient +5°C to 60°C	ambient -20°C to 60°C
Temperature uniformity	+/-0.5°C (at 37°C)	+/-0.5°C (at 37°C)	+/-0.5°C (at 37°C)
Temperature accuracy	+/-0.1°C	+/-0.1°C	+/-0.1°C
Shaking capacity	12kg / 25 lbs.	12kg / 25 lbs.	12kg / 25 lbs.
Shaking speed	40-400 rpm, +/-1 rpm	40-400 rpm, +/-1 rpm	40-400 rpm, +/-1 rpm
Alarm functions	temperature +/-0.5°C, speed +/-1 rpm, time at expiration		
Stroke length	1.9 cm (fixed) 0.75 in.	1.3 / 1.9 / 2.54 cm (adjustable) 0.5 / 0.75 / 1.0 in.	1.3 / 1.9 / 2.54 cm (adjustable) 0.5 / 0.75 / 1.0 in.
Shelves supplied	0	2 Stainless Steel	2 Stainless Steel
Exterior dims. (wxdxh)	54 x 60 x 69 cm / 21 x 24 x 27 in.	58 x 69 x 105 cm / 23 x 27 x 42 in.	58 x 69 x 105 cm / 23 x 27 x 42 in.
Interior dims. (wxdxh)	48 x 50 x 44 cm / 19 x 20 x 17 in.	48 x 51 x 66 cm / 19 x 20 x 26 in.	48 x 51 x 66 cm / 19 x 20 x 26 in.
Platform dims. (wxd)	44 x 44 cm / 17 x 17 in.	44 x 44 cm / 17 x 17 in.	44 x 44 cm / 17 x 17 in.
Electrical requirements	120V (220V in -2 models), 7 Amps, 50:60Hz, 1100 Watts		
Certification	CE	CE	CE
Net weight	68 kg / 150 lbs.	98 kg / 215 lbs.	114 kg / 250 lbs.
Shipping weight	100 kg / 220 lbs.	136 kg / 260 lbs.	136 kg / 300 lbs.
Supplied with unit	shaking platform, power cord, leveling feet		



If the desk shakes, it's an earthquake.
 Incubate. Aerate. All without disturbing anything else around.

Flask Clamp Model Number	528	529	530	531	526	532	534	536	538	540
Flask size (ml)	25	50	125	250	500	1000	2000	4000	6000	Fernbach
Shaking platform capacity	64	48	24	18	9	6	4	4	2	2



Constant thinking.