

SHAKER-INCUBATORS Rotating/Rocking

SI-1401 Benchtop Shaking/Rotating Incubator, SI-1201 Benchtop Refrigerated Incubator



SI-1401

















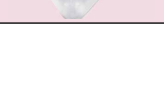
SI-1201

Features:

- Compact and lightweight.
- Magnetic Rotating/Rocking Platform & Clip Plate System holds almost any container at any angle.
- Expansion kits available for increased capacity and different containers.
- Viewing Window to inspect samples without affecting chamber environment.
- RS232 Port for computer control &/or data logging.
- Chamber air is gently & continuously recirculated ensuring temperature consistency and uniformity.
- Economical, Space Saving and Secure.
- An optional 3-D Orbital Shaker Attachment turns the unit into a 3-D Shaking Incubator.
- Precise temperature control and uniformity - range from 28°C to 75°C (SI-1401).
- Fast & Precise Temperature. 4-75°C for refrigeration or incubation (SI-1201).
- New crystal-clear backlit LCD displays all parameters in any lighting conditions at a glance (SI-1201).
- Two Integrated High Speed/Low Speed Magnetic Stirrers (SI-1201).
- Programmable Timers and Alarms for temperature and/or mixing (SI-1201).
- Peltier controlled Refrigeration & Heating (no compressor) (SI-1201).
- Ideal for Hybridization (SI-1401).

Model	SI-1401	SI-1201
Supplied	Magnetic Platform, 1 Clip Plate each for 10-13mm, 15-17mm, and 28-30mm Tubes, 4 Bag Mounting Strips, Non-Skid Tray and Stackable Shelf	Magnetic Platform, 1 Clip Plate each for 10-13mm, 15-17mm, and 28-30mm Tubes, 4 Bag Mounting Strips, Non-Skid Tray and Stackable Shelf
Rotating	3-35 RPM	1-35 RPM
Rocking / Rocking Angle	6-70 cycles per minute / ±10 degrees from horizontal	2-70 cycles per minute / ±10 degrees from horizontal
Stirring	-	1-2000 RPM including stir reverse
Platform Capacity	4.5 kg	4.5 kg
Temperature Range	28-75°C	4-75°C
Accuracy / Uniformity	±0.2°C / ±0.5°C	±0.2°C / ±0.5°C
Resolution / Stability	0.1°C / ±0.1°C	0.1°C / ±0.1°C
Chamber Dimensions (DxWxH)	254 x 362 x 260 mm	254 x 362 x 260 mm
Overall Dimensions (DxWxH)	400 x 560 x 368 mm Depth with Rocker Tray - 305 mm	495 x 622 x 368 mm Depth with Rocker Tray - 305 mm
Chamber Volume	24 L	24 L
Weight	19.5 kg	36 kg

Accessories:

Model/Image	Description
	6 Clip Plates For 12 Each 10–13mm Tubes: Pack of 6 metal clip plates to accommodate up to 12 tubes with a diameter of 10–13mm. A maximum of 8 clip plates, 4 per side, may be attached to the Magnetic Platform for use with the Roto-Shake Genie, Enviro-Genie, or Incubator-Genie. A maximum of 12 clip plates, 6 per side, may be attached to the Magnetic Platform for use with the Rotator Genie. SI-1120
	6 Clip Plates For 6 Each 15–17mm Tubes: Pack of 6 metal clip plates to accommodate up to 6 tubes with a diameter of 15–17mm. A maximum of 8 clip plates, 4 per side, may be attached to the Magnetic Platform for use with the Roto-Shake Genie, Enviro-Genie or Incubator-Genie. A maximum of 12 clip plates, 6 per side, may be attached to the Magnetic Platform for use with the Rotator Genie. SI-1121
	6 Clip Plates For 3 Each 28–30mm Tubes: Pack of 6 metal clip plates to accommodate up to 3 tubes with a diameter of 28–30mm. A maximum of 8 clip plates, 4 per side, may be attached to the Magnetic Platform for use with the Roto-Shake Genie, Enviro-Genie or Incubator-Genie. A maximum of 12 clip plates, 6 per side, may be attached to the Magnetic Platform for use with the Rotator Genie. SI-1122
	Clip Plate 10–13mm Tubes: One metal clip plate to accommodate up to 12 tubes with a diameter of 10–13mm. A maximum of 8 clip plates, 4 per side, may be attached to the Magnetic Platform for use with the Roto-Shake Genie, Enviro-Genie or Incubator-Genie. This attachment is included in the Roto-Shake Genie, Enviro-Genie & the Incubator-Genie. A max. of 12 clip plates, 6 per side, may be attached to the Magnetic Platform for use with the Rotator Genie. SI-1123
	Clip Plate 15–17mm Tubes: One metal clip plate to accommodate up to 6 tubes with a diameter of 15–17mm. A maximum of 8 clip plates, 4 per side, may be attached to the Magnetic Platform for use with the Roto-Shake Genie, Enviro-Genie or Incubator-Genie. This attachment is included in the Roto-Shake Genie, Enviro-Genie & the Incubator-Genie. A max. of 12 clip plates, 6 per side, may be attached to the Magnetic Platform for use with the Rotator Genie. SI-1124
	Clip Plate 28–30mm Tubes: One metal clip plate to accommodate up to 3 tubes with a diameter of 28–30mm. A maximum of 8 clip plates, 4 per side, may be attached to the Magnetic Platform for use with the Roto-Shake Genie, Enviro-Genie or Incubator-Genie. This attachment is included in the Roto-Shake Genie, Enviro-Genie and the Incubator-Genie. A max. of 12 clip plates, 6 per side, may be attached to the Magnetic Platform for use with the Rotator Genie. SI-1125
	Magnetic Stainless Steel Bag Strip (pack of 16): Tube Holder holds six 50mL tubes vertically. Holder snaps on to any Vortex-Genie 2 mixer. No additional attachment necessary. SI-1126
	Expansion Kit (Two Stainless Steel Trays, 24 Magnetic Bag Mounting Strips): Two stainless steel Trays and 24 magnetic Bag Mounting Strips used to attach sealed bags to the Magnetic Platform (Part No. 0A-1100-030) for use with the Roto-Shake Genie, Enviro-Genie or Incubator-Genie for increased bag capacity. SI-1127
	2 Clip Plates For Hybridization Tubes: Pack of 2 metal clip plates to accommodate one 35mm ID Hybridization Tube up to 300mm in length. This can be attached to the Magnetic Platform for use with the Roto-Shake Genie, Rotator Genie, Enviro-Genie or Incubator-Genie. SI-1130
	Stackable Wire Rack: Stackable Wire Rack may be used in the Enviro-Genie and the Incubator Genie to increase shelf space for use as a temperature controlled chamber. This is included in the Enviro-Genie and the Incubator-Genie. Two wire racks will fit inside the chamber to provide 3 levels for containers. SI-1131
	Serial Cable: Serial Cable may be used to connect the Enviro-Genie to a computer via a serial port for data capture or programming. It is a standard 9-pin, female to female straight through serial cable. SI-1132
	2 Universal Clip Plates: Pack of 2 clip plates with two elastic bands each for use with odd-shaped sample vessels. This can be attached to the Magnetic Platform for use with the Roto-Shake Genie, Rotator Genie, Enviro-Genie or Incubator-Genie. SI-1134
	1 Magnetic Covered 100 Microtube Box: Plastic box with hinged lid holds up to (100) 1.5ml or 2.0ml microtubes. A maximum of 4 boxes, 2 per side, can be attached to the Magnetic Platform for use with the Roto-Shake Genie, Enviro-Genie or Incubator Genie. A maximum of 8 boxes, 4 per side can be attached to the Magnetic Platform for use with the Rotator Genie. SI-1135
	1 Clip Plate For 100ml Volumetric Flasks: Metal clip plate to accommodate up to 4 100-ml Volumetric Flasks. This can be attached to the Magnetic Platform for use with the Roto-Shake Genie, Rotator Genie, Enviro-Genie or Incubator-Genie. SI-1136
	Non-Skid Tray For Enviro-Genie / Incubator-Genie: The Non-Skid Tray for the Enviro-Genie and the Incubator-Genie attaches to the Magnetic Platform (Part No. SI-1320) to rock open containers. The Non-Skid Tray measures 203 x 305mm (8 x 12in) and is included with the Enviro-Genie and Incubator-Genie. 0A-1200-001
	3-D Orbital Shaker Attachment For Enviro-Genie / Incubator-Genie: The 3-D Orbital Shaker Attachment for the Enviro-Genie and the Incubator-Genie provides gentle yet thorough mixing of dishes, flasks, beakers & open containers. It moves at a 5 degree angle through a 360 degree rotation (providing a combination of vertical and horizontal motions). This means that every corner or crevice of a container will receive complete mixing, making it the perfect choice for applications such as gel and blot staining/blocking, sample washing, polymer resin preparation, and more. Please note, platform capacity is 1 Kg. SI-1250
	Dual Port Mixing Tube: A V-shaped glass tube with dual ports, which attaches magnetically to the Roto-Shake Genie, Rotator Genie, Enviro-Genie and Incubator-Genie using clip plate accessory SI-1130 (sold separately). Ideal for use in the rotating mode for mixing dry ingredients. SI-1137