

SI-3600R

Shaking Incubator



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

- Combining a benchtop incubator/refrigerator with a dual-action (orbital and reciprocating) shaker, SI series shakers offer versatility for a variety of biological and biotech applications.

►► **Shaking Features**

- Dual shaking modes: orbital or reciprocating action.
- Speed range: 10 to 300 rpm.
- Programmable shaking motion.
 - Timer range: 10 sec to 999 hr 59 min 59 sec.
 - Forward & Backward, Pause: 10 sec to 59 min 59 sec.
- Selectable orbit diameter or stroke length: 20, 30, 40mm.

►► **Operating Features**

- Temperature control: +15°C to 60°C.
- Microprocessor PID control.
- Simple calibration and auto-tuning functions.
- Digital timer with Delayed ON/OFF function: 1 min to 99 hr 59 min.
- High temperature limit setting and open door alarm.
- Convenient preset function for 3 most commonly used temperature settings.
- Up to 9 temperature steps and maximum 200 cycles of repetition programmable for each profile.
- Adjustable 3-step fan speed with defrosting time and period control.
- Intuitive control panel with bright LED display (0.1°C resolution) and touch-sensitive keypad.
- RS-232 interface.

►► **Optional Accessories**

- Universal / Dedicated Platforms, Rubber Mats, Universal Attachments
- Flask Clamps, Funnel Clamps
- Test Tube Racks, Spring Wire Racks
- Microplate Holders (three styles)
- Lab Sticker

►► **Constructional Features**

- Maintenance-free and durable BLDC motor.
- High-velocity fan ensuring uniform temperature distribution and rapid thermal recovery.
- Convenient sample monitoring thanks to the transparent acrylic lid and the fluorescent lamp.
- Gas spring lid supports providing soft closing, smooth motion, and stopping.
- Environment-friendly CFC-free refrigerant.

►► Specifications

Product Name	Shaking Incubator (SI-3600R)	
Volume(L)	83	
Temperature	Range(°C)	15 ~ 60
	Accuracy(°C)	±0.1 (38)
	Stability(°C)	±1.0 (38)
	Controller	Touch Control; Digital Display with PID automatic regulation
	Heater	Heating Plate, 600W
	Timer	Start / Stop / Duration setting; 10sec ~999hr 59min 59sec
Shaker	Controller	PID automatic regulation
	Power Unit	Brushless motor
	Methods	Clockwise, Counter-clockwise, forth-back, interrupted,
	Shaking Throw (mm)	20, 30 (standard), 40
	Speed (rpm)	10 ~ 300
	Stability (rpm)	± 1 (at 150rpm)
Dimensions	Platform (W × D in mm)	450 × 450
	Inside (W × D × H in mm)	510 × 510 × 320
	Outside (W × D × H in mm)	540 × 850 × 625
Net Weight (kg)	102	
Max. Load (kg)	15	

►► Accessories for Shaker incubators

Sticky Plate

The Wiggins Sticky Plate can be loaded with any kind of vessel with a smooth base. Even at a speed of up to 350 rpm the vessel sticks to the plate. Other vessels, like e.g. microtitre plates can be shaken on the Wiggins Sticky Plate as well. However, only up to a speed of 220 rpm.



Suitable for	SI-3600R
Dimensions (W x D in mm)	450x450(mm)

►► Universal Trays

The Universal Trays employ a drilled grid for individual loadings of test tube holders, microtitre plates, and deep well plates.



Suitable for	SI-3600R
Dimensions (W x D in mm)	450x450(mm)
Max. Load of Beaker Holders (KG)	
50ml	45
100ml	36
250ml	18
300ml	18
500ml	13
1L	7
2L	5
2.8L	2
4L	-
Max. Load of Beaker Holders (KG)	
250ml	6
500ml	3
1L	2
2L	-

►► Adjustable Bar Tray

Suitable for	SI-3600R
Order No.	31515
Dimensions (W x D in mm)	400x400(mm)



►► Rubber Mats

Designed for low-speed applications, non-skid rubber mats allow quick addition or removal of flasks, plates or tubes.



►► Multi-Purpose Tray

The multi-purpose tray is made of stainless steel and can be used for a diverse range of unusual specifications.

Suitable for	SI-3600R
Order No.	31522
Dimensions (W x D in mm)	400x400
Max. Load of Beaker	
50ml	25
100ml	16
250ml	9
300ml	9
500ml	5
1L	4
2L	2
2.8L	2



►► Separatory Funnel Holders

Funnel Volumes	Order No.
250mL	23562
500mL	23563
1L	23564
2L	23565



►► Erlenmeyer flask clamps

Beaker Volume	Reference No.	Order No.
25mL	31274	-
50mL	31279	23550
100mL	31271	23551
250mL	31275	23552
300mL	-	23556
500mL	31280	23553
1000mL	31272	23554
2000mL	31273	23555
2800mL Fernbach	-	23557
3000mL	31277	-
4000mL	31278	23558
5000mL	31281	-
6000mL	-	23559



►► Plastic clamps for Erlenmeyer flask

Order No.	Description
31285	100ml
31286	250ml
31287	500ml

►► Test tube rack for long type

Order No.	Description
31342	144 x Ø8mm
31343	100 x Ø10mm
31347	72 x Ø12mm
31352	64 x Ø14mm
31354	36 x Ø16mm
31356	39 x Ø18mm
31358	36 x Ø20mm
31359	33 x Ø22mm
31360	20 x Ø25mm
31361	16 x Ø30mm

►► Test tube rack for short type

Order No.	Description
31348	72 x Ø12mm
31353	64 x Ø14mm
31357	39 x Ø18mm



►► Rack for plastic test tube

Order No.	Description
31355	36x Ø16mm (15ml)
31362	16x Ø30mm (50ml)

►► 187mm test tube rack for short type

Order No.	Description
31344	44 x Ø12mm
31346	24 x Ø18mm
31349	21 x Ø20mm

HPLC Servicing, Validation, Trainings and Preventive Maintenance :

HPLC Servicing :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.

Trainings :We also take up preventive Maintenance to reduce downtime of HPLC's Trainings.

AMC's/CMC :AMC's/CMC :We offer user training both in-House and at customer sites on HPLC principles, operations, trouble-shooting.

Validations :Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/USFDA norms.

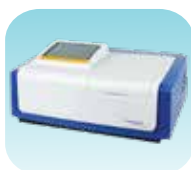
Instruments :Instruments :We offer instruments/Renting Services Modules like pumps,detector etc. on Rent.



About Analytical Technologies

Analytical Technologies is synonymous for offering technologies for doing analysis and is the Fastest Growing Global Brand having presence in at least 96 countries across the global. Analytical Technologies Limited is an ISO:9001 Certified Company engaged in Designing, Manufacturing, Marketing & providing Services for the Analytical, Chromatography, Spectroscopy, Bio Technology, Bio Medical, Clinical Diagnostics, Material Science & General Laboratory Instrumentation. Analytical Technologies, India has across the Country operations with at least 4 Regional Offices, 6 Branch Offices & Service Centers. Distributors & Channel partners worldwide.

Our Products & Technologies



UV/VIS
Spectro 2080+
Double Beam



Infra FTIR



Optima Gas
Chromatograph
3007



Optima Gas
Chromatograph
2979 Plus



Flash
Chromatograph



Atomic Absorption
Spectrophotometer



Liquid Particle
Counter



Optical Emission
Spectrophotometer



DSC/TGA



Semi Auto Bio
Chemistry Analyzer



HEMA 2062
Hematology
Analyzer



Micro Plate
Reader/Washer



URINOVA 2800
Urine Analyzer



Total Organic
Carbon 3800



Fully Automated
CLIA



NOVA-2100
Chemistry Analyzer



PCR/Gradient PCR/
RTPCR



TOC
Analyzer



Laser Particle
Size Analyzer



Ion Chromatograph



Water purification
system

Regulatory compliances



Corporate Social Responsibility

Analytical Foundation is a nonprofit organization (NGO) found for the purpose of:



Analytical
Foundation

1. Research & Innovation Scientist's awards/QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at Info@analyticalfoundation.org

2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

Reach us @



 **Analytical**®
Technologies Limited

HPLC Solutions MultipleLabs Analytical Bio-Med Analytical Distributors Analytical Foundation (Trust)

Corporate & Regd. Office:
Analytical House, # E67 & E68,
Ravi Park, Vasna Road, Baroda,
Gujarat 390 015. INDIA

T: +91 265 2253620
+91 265 2252839
+91 265 2252370
F: +91 265 2254395

E: info@hplctechnologies.com
info@multiplelabs.com
info@analyticalgroup.net
info@analyticalbiomed.com

W. www.analyticalgroup.net
www.hplctechnologies.com
www.multiplelabs.com
www.ais-india.com

Sales & Support Offices:
across the country :
Distributors & Channel
partners World Wide