

OS - 3255

ORBITAL SHAKER



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

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

►► Technical Specifications

MODEL	ATL/OS/ANLG	ATL/OS/ANLG T	ATL/OS/LCD
Flask Holder	Multi	Multi	Multi
Platform Size	385X380	385X380	385X380
Capacity	16X250ml	16X250ml	16X250ml
Speed	40 TO 400 RPM	40 TO 400 RPM	40 TO 400 RPM
Timer	Nil	1 Min to 99hr . 59 Min & Continues Mode	1 Min to 99hr . 59 Min & Continues Mode

►► ORBITAL INCUBATOR SHAKER



ATL offers advance technology Orbital Incubator Shakers are known for their durability and rotary swirling action used extensively in tissue culture work, Aeration of fermentations and various other chemical mixing procedures. EPS Series Orbital Shakers are built for continuous duty with Air Circulation Fan, Step by Step RPM

►► Construction

The outer body is made of 1.2 mm thick GI steel which is pre-treated for corrosion and then powder coated to years of new look. To provide an exceptional uniformity ($\pm 0.2^{\circ}\text{C}$ of the set value) inside the chamber, a powerful circulating fan is provided. This is mounted either at the back or the top depending on space constraints.

The heart of the system is a customized, microprocessor based electronic temperature controller. It has a digital display and soft touch keys for various functions. A special soft key on the front panel enables the user to easily calibrate the display value to any standard thermometer. Our controllers use a suitable capacity Thyristor pack with an electronic relay that obviates the use of mechanical or solid state relays thus providing an exceptional temperature control. The temperatures are controlled to within $\pm 0.2^{\circ}\text{C}$ of the set value.

►► Technical Specification

PARAMETER	DESCRIPTION
Body	Inner : Stainless Steel (S.S) Outer: GI Steel treated and powder coated to prevent corrosion.
Heater Capacity	500 watts
Controller	Fully Microprocessor controlled temperature, RPM and time controller with soft touch keys.
Platform Flask Size	250 ml X 10 (Maximum 16 flasks)
Temperature Range	Ambient $+5^{\circ}\text{C}$ to 60°C
Temperature Sensor	PT 100 (platinum RTD Sensor) with SS sheathing
Temperature Display and setting	Seven Segment display (Temp)
Timer	1 Min to 99hr . 59 Min & Continues Mode
Display and Setting Resolution	0.1°C Temperature
RPM & Time Display	LCD display
RPM Resolution	± 2 RPM
Temperature Control	$\pm 0.10^{\circ}\text{C}$ to $\pm 0.30^{\circ}\text{C}$
Relay	SSR Relay with Electronic Control .
Motor Speed	50 - 250 RPM, continuously variable
Speed Control	.Soft Touch - Digital PID Control.
Movement Range	25 mm. Orbital motion
Motor	Solid-state brushless DC motor with maintenance free ball bearings
Memory	20 Read / Writable Program (RPM & Time)
Input Power	230V AC

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 Partical
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.



 **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