

Refrigerated Incubator Shaker RIS-3026



EPC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

►► **Specification:**

- **Three-axis off-center actuating structure has undergone strict mathematic analysis, and is a high-performance product proven by long-term stability operation which adopts axletrees with best abrasion resistance and maintenance-free, long service time, brushless actuating system with unidirectional flow, its base frame adopts vermicular casting technique which has the best stability. Advanced numerically controlled processing technique ensures high reliability and stability for the mechanical structure itself. Scientific off-center weight balancing data ensures long service time for the three-axis off-center actuating machine itself.**

Three-axis off-center actuating structure ensures stable start-up and half of the samples. No sudden dithering during operation which prevent cells sensitive to shearing force from dying or being harmed.

- **The error for mechanical processing of the machine is less than 0.005mm, and the general rigging error is less than 0.02mm of deviation, which ensures long service time, stability and non-vibration for the machine.**

►► **Operating System:**

- Advanced fuzzy logic PID controlling system provides precise rotation speed, temperature control for product, and operating time.
- Membrane touching keys are adopted in an operating system which also has large-scale liquid crystal display, RS232 interface reserved, optional communication software.
- Sample Visibility: Internal light for sample visibility and Large viewing window.

- Standard mode and program mode for operating system, the former one can be configured through menu with fixed temperature, rotation speed and time. Temperature, rotation speed and time can be configured as required by the users under program mode, which also has a timed shutdown function. Continuous operation from 0.1 hour to 48 hours. Display speed, temperature and Operating time.
- Air duct structure: An unique air duct structure with top duct for intake and bottom duct for return, high-quality axial flow fan, condenser and evaporator that transfer heat rapidly, together they ensure homogeneity and precision of temperature.
- Clamps are made of single piece stainless steel material and leaves tied with spring.
- Cooling system: Use environmental R134a cryogen, designed to contain overvoltage crowbar circuit and voltage relief circuit and has automatic defrosting function.
Universal Platform: It is capable of using assorted clamps, Test tube racks/Sticky mat.

▶▶ Product Parameters:

Model type	Vibrating manner	Rotation speed(precision)
AT3150A	Convolution	25~300RPM±1RP
AT3150B	convolution	25 ~ 400RPM±1RPM

▶▶ Specification:

- Maximum load : 1000ml ×9 maximum
- Temperature precision : ±0.1(0~999h)
- Temperature controlling range : 4°C~60°C
- Temperature homogeneity : ±1°C
- Accuracy : ± 0.5°C at 37°C
- Size of shaking plate(mm) : 460mm ×460mm
- Container(mm) : Width × length × height 520 × 550× 450 mm
- Flask Holding Capacity : 30 No. of 250 ml flasks

▶▶ **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 @**



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