

TG - 3048

Frozen High-Throughput Tissue Grinder



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

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

TG-3048 frozen high-throughput tissue grinder is a new type of frozen high-flux tissue grinder designed on the basis of our company's TG-3048 products according to the requirements of market users. TG-3048 frozen high-throughput tissue grinder adopts integrated control screen, designed humanity, simple and intuitive parameter setting, stable operation, and meets multiple samples in research, university, agricultural institute, biomedicine, food testing and other fields. Special equipment for simultaneous and rapid processing.

The TG-3048 frozen high-throughput tissue grinder can be dry milled, wet milled, mixed and homogenized. For the extraction of nucleic acids in large-flux samples, the grinding efficiency and quality can be greatly improved. The high-throughput tissue grinder uses a closed disposable centrifuge tube during the grinding process to effectively avoid cross-contamination of the sample. By setting the same grinding procedure for the same tissue sample, the same polishing efficiency can be obtained, and the repeatability between samples is improved. Due to the grinding using the grinding ball, the grinding of the sample is more uniform and sufficient than the conventional grinding method. The high-throughput tissue grinder can also be used as a homogenizer to rapidly disperse the sample by using stainless steel balls or high-density glass beads or zirconia beads. The temperature of the sample does not rise during the grinding and homogenization process, and the speed can be adjusted.

As a new generation of tissue grinders, multi-sample tissue grinders have an irreplaceable advantage.

►► **Technical parameters:**

- Suitable for grinding and crushing various plant tissues including roots, stems, leaves, flowers, fruits, seeds, etc.;
- Suitable for grinding and breaking of various animal tissues including brain, heart, lung, stomach, liver, thymus, kidney, intestine, lymph nodes, muscle, bone and other samples;
- Suitable for grinding and crushing of samples such as fungi and bacteria;
- Suitable for grinding and crushing of food and pharmaceutical ingredients analysis and testing;
- Suitable for grinding and crushing samples of volatile samples including coal, oil shale, wax products, etc.
- Suitable for grinding and crushing of plastics, polymers including PE, PS, textiles, resins and other samples.
- Editing and control integrated screen, design humanity, state real-time monitoring; using polymer material electronic door lock, reliable and durable;
- NSK transmission mechanism, stable operation and durability.

►► **Specification:**

Time setting:	1 (second)-9999 (seconds)
Frequency setting:	10-70Hz, that is, oscillation 300-2100 times/min
Rated power:	180W
Fixture stroke:	34mm (vertical)
Temperature setting:	20°C to 0°C can be set
Sample capacity:	Aluminum adapter 5ml 12 holes, 2ml 24 holes, 1ml 48 holes, 0.5ml 96 holes
Power requirements:	220V single phase AC, <2.5A
Electromagnetic lock control opens the door	

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.

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Optima Gas
Chromatograph
3007



Optima Gas
Chromatograph
2979 Plus



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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



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Ion Chromatograph



Water purification
system

Regulatory compliances



Corporate Social Responsibility

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



Analytical
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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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