



AUTOMATIC SOXHLET EXTRACTOR TESTER 3006 SERIES

DETAILS

3006 series full-automatic fat tester is according to the principle of soxhlet extraction and adopt gravimetric method to determine fat content which is accord standard requirement. It is the ideal equipment to determine the fat of food, oil, feed and other industry.

Product adopts one button automatic operation design, easy operation, stable performance, high precision. It has many kinds of automatic extraction mode, including soxhlet extraction, heat extraction, soxhlet heat extraction, continuous flow and standard hot extraction modes.

FEATURES

- ➔ Using a 4.5 -inch LCD panel touch screen + stability of PLC control system, reliable performance, stable and easy to operate.
- ➔ One button operating system: complete the pressure, temperature, immersion, extraction, circumfluence, opening and closing process.
- ➔ Automatic lifting, hold-down system a high degree of automation, reliable.
- ➔ Built-in 6 kinds of extraction methods, switch at any time, any selection. (Soxhlet extraction, heat extraction, soxhlet heat extraction, continuous flow, dynamic flow and standard heat extraction).

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Analytical Technologies Limited

An ISO 9001 Certified Company

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- Unique electromagnetic jog opening and closing, soaking extraction method with high efficiency.
- Built-in automatic and manual two kinds of operation mode, suitable for a variety of extraction, extraction experiment conditions.
The one-piece metal bath heating, heating up fast, uniform temperature.
- The unique temperature programmed function of organic solvent heating system, and also have ordinary setting time, setting temperature and timing functions.
- According to different reagent boiling point and the environmental temperature, adjusting heating temperature.
- Suitable for using condition of all kinds of organic solvents, including petroleum ether, ethyl ether, acetone, dichloromethane, n-hexane, alcohols, imitation and benzene.
- All made by glass and groove grinding, to avoid the deformation of rubber sealing ring by ether leak problem.
- Unique extraction filter paper cup automatical frame function ensures samples immersed in organic solvent, at the same time help to improve the consistency of determination results.
- Cooling water inlet and outlet uses the intelligent temperature control, energy saving effect is obvious.

SPECIFICATION

Measurement range	0.1%-100%
Temperature control range	RT+5°C-300°C
Temperature control accuracy	±1°C
Test sample amount	6 Samples/Time
Test sample weight	0.5g~15g
Solvent cup volume	130mL
Solvent recovery	≥85%
System control mode	PLC+True color touch screen
Extraction apparatus lifting system	Stepper motor + Linear bearing
Heating power	2000W
Supply voltage	220V±10% Frequency 50Hz
Volume of tube in glass sample	115mL
Volume of tube in glass room	190mL
Maximum consumption of cooling water	72 L/H
Maximum pressure of water	4 bars

HPLC Servicing, Validation, Trainings and Preventive Maintenance :

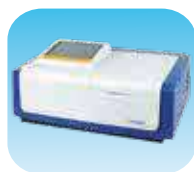
- HPLC Servicing** :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.
- Trainings** :We also take up preventive Maintenance to reduce downtime of HPLC's Trainings.
- AMC's/CMC** :AMC's/CMC :We offer user training both in-House and 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

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Our Products & Technologies



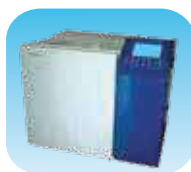
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Spectro 2080+
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3007



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

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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.

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