

Fully Automatic Fat Analyzer

FTA206

Measuring Range: 0.1%-100%
Temperature Control Range: RT+5℃-300℃
Measured Sample Quantity:6pcs./time
Measured Sample Weight: 0.5g~15g
Solvent Cup Volume:150ml



Description

This product uses the Soxhlet extraction principle and the gravimetric method to determine the fat content in grains, cereals and foods.The product is designed for fully automatic one-button operation, easy to operate, stable performance, high precision, and has a variety of automatic extraction modes such as Soxhlet extraction, thermal extraction, Soxhlet thermal extraction, continuous flow and standard thermal extraction.



Features



One-button automatic completion: solvent cup compression, sample basket lifting (lowering) , temperature rise, soaking, extraction, reflux, solvent recovery, valve opening and closing process.



Normal temperature soaking, hot soaking, hot extraction, continuous extraction, intermittent extraction, and solvent recovery can be selected and combined at will.
Combined formula management can store 99 sets of different analysis formula programs.



Electromagnetic valve inching opening and closing, timing opening and closing, manual opening and closing, etc.
Adopts integral heating blocker heating block, with wide temperature range and high temperature control accuracy.



7-inch color touch screen with friendly interface design, convenient and easy to learn.
The fully automatic lifting and compression system has a high degree of automation, reliability and convenience.



Menu-based program editing, intuitive, easy to operate, and can be cycled in multiple times.
Up to 40 program segments, multiple temperatures, multiple levels or cycle soaking, extraction, heating.



The automatic lifting function of the extraction filter paper cup holder ensures that the samples are immersed in the organic solvent at the same time, which helps to improve the consistency of sample measurement results.



Professional customized components are suitable for various organic solvents, including petroleum ether, ether, alcohols, imitations and other organic solvents.



It has a petroleum ether leakage alarm. When the working environment becomes dangerous due to petroleum ether leakage, the alarm system will start and stop heating.

Specification

Model	FTA206
Measuring Range	0.1%-100%
Temperature Control Range	RT+5℃-300℃
Temperature Control Accuracy	±1℃
Measured Sample Quantity	6pcs./time
Measured Sample Weight	0.5g~15g
Solvent Cup Volume	150ml
Solvent Recovery Rate	≥85%
Control Screen	7-inch
Solvent Reflux Plug	Electromagnetic automatic opening and closing
Lifting System of Extractor	Automatic lifting
Heating Power	1500W
Electricity	220V±10%, 50Hz

Fat Analyzer, Semi-auto Type

FTA406



Over-temperature alarming and timer reminding functions are available
Triple alarms i.e. sound, light, LCD screen word prompts are available.



4.3" LCD screen and microcomputer control system are adopted.
Abundant interface contents give simultaneous display of given temperature, actual temperature, given time and heating time.



Integral metal heating, wide scope and high precision of temperature control.



Electric circuit is isolated from the extraction space, ensuring device security.



Electric circuit is isolated from the extraction space, ensuring device security.



Intelligent man-machine dialogue control system.



Specifications

Model	FTA406
Temperature range	Room temperature+5℃ ~ 280℃
Measuring range	0 ~ 100%
Temperature accuracy	±1℃
Sample weight	0.5 ~ 15g(generally 2 ~ 5g, depending on sample)
Capacity per batch	6pcs/batch
Solvent cup volume	80mL
Solvent recovery	≥80%
Shortened extraction time	20 ~ 80%
Power supply	220VAC±10%, 50Hz
Power	1KW
Dimensions	650mm×320mm×715mm
Net Weight	35Kg



The lifting connection of linear bearing conduction technique gives smooth and comfortable lifting operation.

Exclusive air insulation technique leaves the case in room temperature, has thermal insulation and temperature maintenance two functions.

Fat Analyzer, Auto Type

FTA606

Features

- Fully automatic and programmable via a 7 inch color touch screen
- Automatic Solvents recovery
- Apply to all organic solvents, including ether, benzene, phenol, etc
- In-built ether leak detection device to ensure experiment safety.
- Full temperature and flow control for reduce consumption of condensed water.



Specifications

Model	FTA606
Temperature range	Room temperature +5℃ ~ 300℃
Measuring range	0.1 ~ 100%
Temperature accuracy	±1℃
Reproducibility	Relative error 1%
Weight	0.5 ~ 15g
Capacity per batch	6pcs/batch
Solvent cup volume	150mL
Solvent recovery	≥85%
Controller	External via cable
Power supply	220VAC±10%, 50Hz
Display	7 inches color touch screen
Power	2 KW
Dimensions	650mm×380mm×720mm
Net Weight	50Kg

Soxhlet Extractor

SE-6P

Features

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7 "LCD touch screen display control, upgradable program control temperature and remote operating system
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2-6 heating system, ensure each sample is operable
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Aluminum heat module has the advantages of high temperature rise speed, high reflux speed and short extraction time.
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Adopt temperature sensor, high temperature control precision and good uniformity
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Self-contained solvent recovery function, high recovery rate, saving experimental consumables
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Built-in circulating water pipeline, easy to operate (can be upgraded to built-in cooling device)
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It has multiple protection devices for over-voltage, overheating, and leakage, and it does not need to be monitored to ensure long-term use of the machine.
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It can be upgraded to built-in cold water system, no need of external water source.



Description

- Soxhlet extractor is widely used in the determination of oil content in feed of aquatic products, determination of oil content in leather, determination of succinic acid content in pinellia tuber, determination of polysaccharide content in ganoderma, determination of residual oil content in chemical fiber, determination of fat content in mushroom, etc.

Specification

Model	SE-6P
Number of samples extracted per batch	6
Controller	7-inch LCD touch screen display
Electric heating power	1800W
External dimension	750*230*775mm
Weight	28kg
Temperature control range	RT +5℃~250℃
Temperature control mode	Independent temperature control
Mode of heating	Aluminum module heating
Extraction sample volume	0-5g/ ea (with valves), 5-20g/ ea (without valves) optional
Extraction bottle volume	250ml, 500ml optional
Warming up time	About 10min
Timing function	have
Electricity	220V±10V frequency 50Hz
Measuring range	Grain, feed, grease and various fat products with oil content in the range of 0.5%-60%
Solvent recovery	Automatic solvent recovery with valve, no solvent recovery without valve
Package Dimension(W*D*H)(mm)	990*510*990
G.W.(kg)	68kg

Soxhlet Extractor

SE-06C

Measuring Range: 0.5%–60%
Sample Quantity Measured: 6 simultaneously
Temperature Control Range: RT–100 °C
Accurate temperature control, water bath heating and easy operation



Description

The Fat Analyzer determines fat content based on the Soxhlet extraction principle. It features extraction, solvent recovery, a cooling system, and temperature control.



Features



Compact size, fast heating speed, and uniform heating.



Extraction bottles and apparatus are made of glass to prevent leakage.



Accurate digital temperature control and easy operation.



Specification

Model	SE-06C
Measuring Range	Oil content within the range of 0.5%–60% in food, feed, oil, and various fat-containing products
Sample Quantity Measured	6 simultaneously
Heating Time	Within 10 min
Recovery System	Supported
Recovery Rate	≥80%
Temperature Control Range	RT–100 °C
Extraction Bottle	100 mL
Power	AC 220V/50Hz, 1000W
External Dimensions	670*250*600 mm
Weight	23 kg