

Lab & Medical Equipment



Fiber Analyzer & Fat Analyzer (Soxhlet)

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Fiber Analyzer

Application:

BK-F800 Fiber Analyzer is with advanced design, easy operation and flexible application. It can be used in conventional Weende method to analyze crude fiber and Van Soest analysis to wash the fiber. Applies to plant, feed, food and other agricultural products as well as the determination crude fiber, neutral detergent fiber (NDF), acid detergent fiber (ADF), hemicellulose and acid detergent lignin (ADL)

Features:

- * Hidden solution barrel pull structure designed to facilitate dosing operation, provide the safest fiber analysis.
- * Corrosive liquid is not in contact with any pump body, to avoid waste discharge pump susceptible to corrosion phenomena.
- * The crucible recoil function designed to prevent sample in the crucible can not caking filtration.
- * With dosing overflow protection function to prevent dosing corrosive liquid overflow due to operator error, protect the safety of the operator.
- * Adjust the crucible heating power in time, enabling operator to control the heating rate easily and low down the energy consumption, ECO-friendly.
- * Having a built-in pre-heating function, greatly reducing the whole experiment time.
- * Provide five various specifications crucible specifications to meet the needs of different samples for standard configuration.



Technical Parameters:

Model	BK-F800
Measurement Range	0.1%~100%
Sample Weight	0.5~3g per piece
Repeatability	≤0.4% (Craw Fiber Content below 10%) ≤1% (Craw Fiber Content above 10%)
Max. Capacity	6 pcs/batch
Pre-heating Time	10~12min
Heating to Boiling	13~15min
Consumption	2.2KW
Power Supply	AC220V±10%, 50Hz
External Size(W*D*H)	776*476*644mm
Package Size(W*D*H)	Main Body:680*950*840mm / Accessories:480*340*250mm
Gross Weight	Main Body:114kg /Accessories:4.6kg

Fat Analyzer

BFA-1S Fat Analyzer, designed based on the Soxhlet extraction principle, is an automatic crude fat analyzer in which weight method is used to determine the fat content.

Features:

- * Automatic process after weighting the sample.
- * 7" LCD Touch screen control panel, easy to operate.
- * Five extraction methods: Soxhlet standard extraction, Soxhlet hot extraction, continue flow extraction, hot extraction, Soxhlet CH standard method.
- * Ether leakage automatic alarm.
- * Water temperature and water flow monitoring.
- * Automatic solvent recovery.



Technical Parameters:

Model	BFA-1S
Temp. Range	RT+5℃~300℃
Measuring Range	0.1~100%
Temperature Accuracy	±1℃
Repeatability	Relative error 1%
Sample Weight	0.5~15g
Capacity	6pcs/batch
Solvent Cup Volume	150ml
Solvent Recovery	≥85%
Consumption	2.6KW
Power Supply	AC220V±10%, 50Hz
External Size(W*D*H)	650*380*720mm
Package Size(W*D*H)	Main Body: 840*550*940mm / Accessories: 580*320*300mm
Gross Weight	Main Body: 95kg / Accessories: 5.5kg

Fat Analyzer

BFA-2 Fat Analyzer is based on the Soxhlet extraction principle and integrates such functions as soaking, extraction, leaching, heating, condensation and solvent recovery.

Features:

- * 4.3" LCD screen and Microcomputer control system.
- * Triple alarms i.e. sound, light, LCD Audio and visual alarm function.
- * Integral dry heating, wide scope and high precision of temperature control.
- * Electric circuit is isolated from the extraction space, ensuring devices security.
- * Over-temperature alarm and timer reminding functions.
- * Abundant interface contents give simultaneous display of set temperature, actual temperature, set time and heating time.
- * Unique air insulation for temperature heating protection and constant temperature.



Technical Parameters:

Model	BFA-2
Temp. Range	RT+5℃~280℃
Measuring Range	0~100%
Temperature Accuracy	±1℃
Sample Weight	0.5~15g(generally 2~5g, depending on sample)
Capacity	6pcs/batch
Solvent Cup Volume	80ml
Solvent Recovery	≥80%
Consumption	1KW
Power Supply	AC 220V±10%, 50HZ
External Size(W*D*H)	650*320*715mm
Package Size(W*D*H)	800*470*950mm
Gross Weight	65kg