Automatic Fiber Analyzer



Features:

* Full compliance with international standards, full-automatic operation, solves traditional drawbacks, and ensures accurate CF/ADF/NDF testing.
* Advanced filter bag technology for stable, reliable CF/NDF/ADF analysis results.
* 16-bit true-color touch screen: intuitive, easy to operate.
* 50 configurable experimental programs to meet diverse testing needs.
* 5 user accounts with hierarchical permissions for standardized management.
* Fingerprint login: no account/password, faster operation.
* Built-in component detection: easy maintenance, longer equipment life.
* Special material reaction kettle: high temperature/pressure/corrosion resistance, safe and stable operation.
* Anti-foam design: no defoamer, eco-friendly, cost-saving.
* Automatic reagent filling (5 types): high-speed, quiet, self-cleaning pipelines, no cross-contamination.
* High-power heating: ≤5min to set temperature, high efficiency.
* Closed digestion: no cooling water, precise temperature control, accurate results.
* Intelligent alarms: auto-pause on abnormalities, protects equipment.
* Experiment completion prompts: built-in formulas + printer, no manual calculation.

Technical Parameters:

Model	BK-F5800		
Processing Temperature Range	Room temperature ~100℃	Sample Batch Capacity	1~24
Sampling Amount/Bag	0.5~1.5g	Adding Method	Automatic
Fiber Test Range	0.1~100%	Temperature Control Accuracy	±0.2℃
The Cooking Time Setting of Each Stage	0~999min		
Repeatability Accuracy	If the fiber content is less than 10%, the relative deviation is ≤5%; If the fiber content is greater than 10%, the relative deviation is ≤3%		
Daily Processing Capacity	24~96 pieces of crude fiber, 24~120 pieces of neutral detergent fiber/acid detergent fiber/lignin(8-hour working system)		
Power Supply	AC220V, 50Hz		
Standard Accessories	Special 3D Filter Bags*200; Inert Black Marking Pens*1; Sealer*1; Filter Bag Fixing Bracket*1; Filter Bag Placement Rack*1; Cover*1		
External Size(W*D*H)	580*410*495mm		
Net Weight	38kg		
Package Size(W*D*H)	680*520*710mm		
Gross Weight	56kg		

Fat Analyzer

Features:



* 3μm 3D ultra-micro filter bags; auto-processes up to 22 samples at once. Full auto operation with buzzer alert, intelli gent, safe and labor-saving.
* 16-bit true-color touch screen, intuitive and easy to operate.
* 5 independent user accounts with precise hierarchical permissions. Fast fingerprint login (no account/password) for high efficiency.
* Stores ≥10 experimental programs; one-key add/delete/edit/query, simplifying processes for diverse samples.
* Fully closed circulation system with card-fixed cups for unsupervised operation. Auto solvent recirculation (≥96% recovery, no leakage), eco-friendly and cost-saving.
* Activated carbon tail gas adsorption; no harmful gas contact, no extra fume hood, ensuring operator safety.
* High-precision temperature control maintains stable reagent micro-boiling for accurate results. Closed digestion, no steam overflow.
* Built-in stainless steel cooler (excellent cooling, water-saving, cost-reducing); real-time monitoring of cooling water temp and condensate flow to avoid abnormalities.
* Intelligent condensation circulation (auto start-stop at 90℃, ±0.1℃ precision, 105℃ over-temperature protection).
* High-power aluminum heater, ≤5min temp rise, efficient.
* Multiple intelligent alarms: auto-alert, shutdown and pop-up for insufficient reagent or abnormal reactor pressure/temp, preventing damage and errors.
* Built-in component detection for easy maintenance and long service life. Special material reactor (high temp/pressure/corrosion resistant) with double anti-dry heating protection.
* Reactor with airtightness self-inspection and locking device; prevents loosening/accidental opening, eliminating scald and pollution risks.
* Double prompts (buzzer + screen) and auto reactor cooling after experiment completion, avoiding sampling scald.

Technical Parameters:

Model	SFA-15
Technology	3μm 3D ultra-micro filter bags
Temp. Control Range	RT~100℃; Extraction Temp.: 50~90℃
Temp. Accuracy	±0.2℃
Sample Batch Capacity	22
Daily Processing Capacity	176 samples (8-hour working time)
Sampling Amount/Bag	0.5~1.5g
Solvent Recovery	≥97%
Measuring Range	0.1~100%
Batch Processing Time	30~90 minutes (including heating and drying time)
Result Standard Deviation	≤±0.5%
Repeatability Accuracy	≤±0.5%
Reagents	Petroleum Ether, Ether.
Power Supply	AC220V, 50Hz
Standard Accessories	Extraction Cup*1; Special 3D Filter Bags*200; Basket*1; Inert Black Marking Pens* 1; Sealer*1; 16-Position Sample Holder*1; Waste Liquid Bottle*1
External Size(W*D*H)	318*470*718mm
Net Weight	40kg
Package Size(W*D*H)	575*520*915mm
Gross Weight	55.4kg