

# Fiber Analyzer



F series crude fiber tester is a high-throughput, high-efficiency, easy-to-operate automatic crude fiber tester developed by using the three-dimensional filter bag method, combined with no cooling water, high-pressure sealing technology and modern electronic technology. It is suitable for the analysis of crude fiber in feed, food, dairy tobacco and other industries by CF, NDF, ADF, ADL methods

## Features:

- \* Large screen man-computer interaction interface, 16-bit true color LCD touch screen, simple and easy to use operation interface, easy for users to learn and use.
- \* Built-in settable experimental protocol, a total of 50 different experimental protocols can be set.
- \* Built-in user login function, a total of 5 user accounts.
- \* Built-in user account permission setting, each login account can set its own operation authority, different levels of operation authority can operate the machine function is different.
- \* Fingerprint login function, no need to enter the user name and password, you can log in using the entered fingerprint information, which is more convenient and fast.
- \* Built-in instrument functional parts detection function, all movable working parts inside the instrument have corresponding detection switches on the screen, which is convenient for daily maintenance of users.
- \* Special treatment reactor, the reactor body is made of special material, high temperature resistance, high pressure and chemical corrosion, long service life.

- \* Reactor anti-dry burning function, built-in software and hardware double anti-dry burning insurance to prevent dry burning of the kettle body.
- \* Reactor airtight self-inspection technology, the reactor can carry out airtight self-inspection during the experiment to prevent the reactor cover from being tight.
- \* Foam structure design, unique cooking structure can effectively prevent the foam generated when the reagent is heated, and there is no need to add n-octanol and other defoamers, saving reagents and more environmentally friendly and odorless.
- \* High-power heating aluminum block is used to improve heating efficiency.
- \* Closed cooking technology, the steam generated during the experiment will not diffuse outside the equipment, and the micro-boiling boiling function that does not require cooling water for cooling is realized, and the equipment is more convenient to use.
- \* Precise temperature control technology, high-precision temperature sensor installed inside the reactor, precise control of the reagent to a micro-boiling state, good experimental effect.
- \* Reactor internal pressure detection alarm function, the equipment experiment can automatically detect the pressure state inside the reactor, once the temperature is too high and the pressure is too high, the alarm will be automatically generated and the experiment will be paused, and the alarm interface will automatically pop up on the screen.
- \* Experiment completion prompt function, once the whole experiment is completed, the device will automatically generate a beep sound to prompt, and the prompt interface for the completion of the experiment will be displayed on the screen.
- \* Built-in 3 kinds of fiber result calculation formula and printer, no manual calculation, input parameters can print the test results.

## Technical Parameters:

Model		BK-F1600	
Processing temperature range		Room temperature -100℃;	Sample batch capacity
Sampling amount/bag		0.5-1.5g	Adding method
Fiber test range		0.1-100%	Temperature control accuracy
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)	
Net	Size(mm)	560*430*510	
	Weight(kg)	28	
Package	Size(mm)	660*500*590	
	Weight(kg)	44	