F800
Fiber Analyzer

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 and Advantages

- Hidden solution barrel pull structure designed to facilitate dosing operation, provides the safest fiber analysis.
- The corrosive liquid is not in contact with any pump body, to avoid waste discharge pump susceptible to corrosion phenomena.
- The crucible recoil function is 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 customers to control the heating rate easily and low down the energy consumption, ECO-friendly.
- Having a built-in pre-heating function, greatly reduces the whole experiment time.
- Provide five various specifications crucible specifications to meet the needs of different samples for standard configuration.
- Can detect crude fiber, neutral detergent fiber (NDF), acid detergent fiber (ADF), hemicellulose and acid detergent lignin (ADL).

Precise control experiment

Test time can be set free, clockwise and countdown timing functions are available, real-time reminder end of the experiment, the experimenter to facilitate precise control experiment, save test time, improve efficiency.

Integrated infrared heating technology

Advanced integrated infrared heating, more uniform heating of the crucible fast, more consistent sample extraction, higher extraction recovery, thereby improving the accuracy of test results.

Optional peripheral accessories: cool extractor. Experiments can go fat, washed with acetone extraction after detection of acid lignin and other steps.

Technical data

Measurement range	0.1% ～ 100%
Sample weight	0.5g ～ 3g
Repeatability error	Crude Fiber Content below 10%, ≤0.4%
	Crude Fiber Content above 10%, ≤1%
Capacity	6 pcs/batch
Pre-heating time	10-12min
Heating to boiling	13-15min
Display	7 inches touch color screen
Rated power	2.2KW
Power supply	220 VAC ±10% 50Hz
Dimension	776mm×476mm×644mm

F800-B Cold Extractor

- It can simultaneously de-fat 6 samples before hot extraction, solvent dehydration of fiber residues and lignin determination.
- F800-B use the same crucible system as F800, permitting samples to be dried and weighed between extractions if required.
- Equipped with high-pressure pump to prevent sample plug crucible, guarantee the extraction efficient.
- With a splash guard, eliminate potential safety problems of highly corrosive liquid during the extraction

Technical data

Working Temperature	10-40°C
Sample Weight	0.5g-3g
Storage Temperature	10-50°C
Batch Capacity	6 pcs per batch
Relative Humidity	0-90%
Power Supply	220 VAC ± 10% 50Hz