

# LABFIBER PRO

## Advanced Fiber Analysis for Diverse Applications.



The **LabFiber Pro** Fiber Analyzer offers advanced design, user-friendly operation, and versatile applications. It employs both the conventional Weende method for analyzing crude fiber and Van Soest analysis for thorough fiber washing. This analyzer is suitable for a range of agricultural products including plants, feeds, and foods, enabling precise determination of crude fiber, neutral detergent fiber (NDF), acid detergent fiber (ADF), hemicellulose, and acid detergent lignin (ADL). Elevate your fiber analysis with LFP 1000.



## KEY SPECIFICATIONS

- 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
- The sample analysis time can be freely configured, offering options for clockwise and countdown timing functions
- Adjust the crucible heating power in time, enabling customers to control the heating rate easily and low down the energy consumption, ECO-friendly
- Can detect crude fiber, neutral detergent fiber (NDF), acid detergent fiber (ADF), hemicellulose and acid detergent lignin (ADL)
- Integrated infrared heating technology

## OUR UNIQUE OFFERINGS

- 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
- 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

## COLD EXTRACTOR

- It can simultaneously de-fat 6 samples before hot extraction
- LCE800 uses the same crucible system as LFPI000, permitting samples to be dried and weighed between extractions if required
- Equipped with high-pressure pump to prevent sample plug crucible, guarantees efficient extraction
- With splash guard, ensure safe analysis



### Technical Data

#### LCE 800 COLD EXTRACTOR

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



# Effortless Fiber Determination with Unmatched Flexibility and Convenience



## Technical Data

### LFP 1000 FIBER ANALYZER

Measurement range	0.1% ~ 100%
Sample weight	0.5g ~ 3g
Repeatability error	Crude Fiber Content below 10%, $\leq 0.4\%$ Crude Fiber Content above 10%, $\leq 1\%$
Capacity	6 pcs/batch
Pre-heating time	10-12min
Heating to boiling	$\approx 5-10$ min
Display	7 inches touch color screen
Rated power	2.2KW
Power supply	220 VAC $\pm 10\%$ 50/60Hz
Dimension	776mm $\times$ 476mm $\times$ 644mm
IP Rating	IP 65

### OUR CUSTOMERS:



Accreditations:  
Formally recognized by AOAC, EPA, DIN, and ISO

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