



# AUTOMATIC (SOXHLET) FAT ANALYZER LSFA-B10

Automatic (Soxhlet) Fat Analyzer LSFA-B10 is a standard Soxhlet extraction principle based automated Fat Analyzer comprised with weighing method for fat determination, offers temperature range of RT+5°C to 300°C with 0.1% to 100% of measuring range. Customized by glass and PTFE and with 6 pcs./batch of capacity, 0.5 to 15 g of sample weight, and 150 ml of solvent cup, features overall heating module with full temperature and flow control. Designed with 7-inch vertical color touch screen, built-in 5 extraction methods, and built-in ether leak detection device, supports One-click manipulation for start and pause extraction, lifting, pre-heating, dilution, and automatic solvent recovery. Incorporated with External control, solvent recovery system and preset common reagent options, allows to adsorb on any iron surface and can be applied to all organic solvents.

## Features

- ❑ A standard Soxhlet extraction principle based automated Fat Analyzer
- ❑ Weighing method for fat content determination
- ❑ Temperature range of RT+5°C to 300°C with 0.1% to 100% of measuring range
- ❑ Customized by glass and PTFE, block impurities and improves accuracy
- ❑ 6 pcs./batch of capacity, 0.5 to 15 g of sample weight, and 150 ml of solvent cup
- ❑ Overall heating module, ensure fast warming with low power consumption
- ❑ Full temperature and flow control, reduced condensed water consumption
- ❑ 7-inch vertical color touch screen, easy and convenient operation
- ❑ Built-in 5 extraction methods: Soxhlet Extraction, Soxhlet Hot Extraction, Continue Flow Extraction, Hot Extraction, CH Standard methods
- ❑ One-click manipulation for start and pause extraction, lifting, pre-heating, dilution, and automatic solvent recovery
- ❑ Built-in ether leak detection device, ensure safe experiment
- ❑ External control, solvent recovery system and preset common reagent options
- ❑ Allows to adsorb on any iron surface and can be applied to all organic solvents
- ❑ Highly-efficient, stable and reliable with high proficiency and accuracy

## Application

Automatic (Soxhlet) Fat Analyzer is used to separate one substance from solid or semi-solid mixture, to determine soluble organic compounds in food, medicine, soil, sludge, polymers etc. across agricultural, food, chemical industries, environment, biotechnology etc.

## Specifications

Model	LSFA-B10
Capacity	6 pcs./ batch
Sample weight	0.5 to 15 g
Temperature range	RT + 5°C to 300°C
Measuring range	0.1 to 100%
Temperature accuracy	± 1°C
Solvent cup volume	150 ml
Solvent recovery	≥ 85%
Reproducibility	Relative error 1%
Controller	External via Cable
Display	7-inch color touch screen
Extraction methods	Soxhlet Extraction, Soxhlet Hot Extraction, Continue Flow Extraction, Hot Extraction, CH Standard methods
Power supply	220 V AC ± 10%, 50 Hz
Power	2.6 kW
Dimension (L×W×H)	650×380×720 mm
Packaging dimension 01 box (L×W×H)	840×550×940 mm
Packaging dimension 02 box (L×W×H)	580×320×300 mm
Gross weight 01 box	96 kg
Gross weight 02 box	5.5 kg