SEMI-AUTOMATIC (SOXHLET) FAT ANALYZER LSFA-A10

Semi-Automatic (Soxhlet) Fat Analyzer LSFA-A10 is based on the Soxhlet extraction principle, is an automatic crude fat analyzer in which weight method is used to determine the fat content. It offers 6 pcs/batch capacity with 0.5 to 15 g sample weight range. The temperature range is from RT +5ºC to 280ºC and measuring range 0 to 100 %. Features sealed metal bath heating with automatic temperature control, ensuring uniform heating and safe operation. Designed with 4.3 inches LCD touch screen control panel, easy to operate and integral dry bath heating gives quick, uniform, stable and safe temperature rise. It has wide scope of temperature control for the organic solvents with different boiling points.

Features :

❑ Designed with 4.3 inches LCD screen and microcomputer controller system

❑ Offers functions as soaking, extraction, leaching, heating, condensation and solvent recovery

❑ Integral metal heating, wide scope and high precision of temperature control

❑ Adopted Triple alarms i.e. sound, light and LCD screen

❑ Abundant interface contents give simultaneous display of given temperature, actual temperature, given time and heating time

❑ Offers electric circuit is isolated from the extraction space, ensuring device security

❑ Independent timer and timing controlled circulation system

❑ Over-temperature alarming and timer reminding function

❑ Equipped with intelligent man-machine dialogue control system

❑ Exclusive air insulation technique leaves the case in room temperature, has thermal insulation and temperature maintenance two function

Application :

Semi-Automatic (Soxhlet) Fat Analyzer is used in one substance from solid or semi-solid mixtures, can determine the soluble organic compounds contained in foods, feeds, medicines, soil, sludge, polymers, fiber products, and petrochemical products, detergents, rubber, plastics and other materials.

Specifications:

Model	LSFA-A10
Capacity	6 pcs/batch
Sample Weight	0.5 to 15 g (generally 2 to 5 g, depending on sample)
Temperature Range	RT +5ºC to 280ºC
Measuring Range	0 to 100 %
Temperature Accuracy	±1ºC
Solvent Cup Volume	80 ml
Solvent Recovery	≥80 %
Shortened extraction time	20 to 80%
Dimension	650 × 320 × 715 mm
Power consumption	1 kW
Power Supply	AC 220 V±10%, 50 Hz
Net Weight	35 kg