

LABSOX PRO

Accurate Soxhlet Extraction for Diverse Industry Applications



The **Labsox Pro** Automatic Soxhlet Extractor utilizes the trusted Soxhlet & Randall extraction principle with weight measurement for accurate fat content determination. With five versatile extraction methods, it meets diverse customer demands. Its robust all-metal heating module ensures swift heating with low power consumption. Offering precise water temperature and flow control, it prioritizes environmental and cost efficiency. Additionally, it includes a built-in ether leak detection system for enhanced experimental safety. Moreover, LabSox Pro can perform quantitative separation of fats and other natural compounds like resin, oils, pigments, bioactive compounds, etc., from food, feeds, plants, and other biological samples, further expanding its utility across various industries.



OUR CUSTOMERS:



OUR UNIQUE OFFERINGS

Automatic extraction

One touch to start extraction, lifting, pre-heating, extraction, dilution, solvent recovery automatically

In-built 5 unique methods of extraction, handy operation.

Include Soxhlet Extraction, Soxhlet Hot Extraction, Continue Flow Extraction, Hot Extraction, CH Standard methods

Apply to all organic solvents

Customized by glass and PTFE, which can block all impurities and possess high rate of accuracy, apply to all organic solvents, satisfying the requirements of users

ECO- friendly and conservation

Full temperature and flow control for reduce consumption of condensed water

Easy Handling

The controller can be affixed to any metal surface due to its magnetic back

Safety

- In-built ether leak detection device to ensure experiment safety
- Over-temperature protection sensor with independent control unit.
- Over-temp setting and protection

No Leakages

Unique PTFE sealing mechanism to avoid solvent leakage



FOOD



FEED



NATURAL PRODUCTS



PHARMA



POLYMER

KEY SPECIFICATION

- Apply to all organic solvents to satisfy all demands
- One-click operation for starting and pausing, ensuring highly efficient use
- Vertical screen, enhanced user control
- Preset common reagent option
- Magnetic level sensor for auto draining facility or equivalent
- The overall heating module, possesses features of warming faster, favorable effect and low power consumption
- Capability of programming to perform un-attended operation
- Efficient solvents recovering system for reducing experimentation cost
- Accreditations: Formally recognized by AOAC, EPA, DIN, and ISO

Technical Data

LSP A06 Fat Analyzer

Temperature range	Room temperature +5°C~ 300°C
Heating time	Upto 300°C in 10 Minutes
Measuring range	0.1 ~ 100%
Temperature accuracy	±1°C
IP Rating	IP 65
Reproducibility	≤0.5%
Sample weight	0.5 ~ 15gs (generally 2 ~ 5g, depending on sample)
Capacity per batch	6pcs/batch
Solvent cup volume	150mL
Solvent recovery	≥92%
Controller	External via cable
Power supply	220VAC±10%, 50/60Hz
Display	7 inches color touch screen
Power	2KW
Dimensions	650mm×380mm×720mm
Net Weight	50Kg