

AUTOMATIC SOXHLET EXTRACTOR TT-SOX606



The Fat analyzer - Automatic Soxhlet Extractor TT-SOX606 is created following the Soxhlet extraction principle for determining fat content using the weight method.

Automatic Soxhlet Extractor TT-SOX606 features five extraction methods catering to various customer needs. With a full metal heating module, it rapidly heats up, delivers efficient results, and consumes less power. Comprehensive control over water temperature and flow promotes eco-friendliness and cost-effectiveness.

It's equipped with an embedded ether leak detection system to ensure experimental safety. This equipment finds extensive application in agriculture, food, chemicals, environmental studies, especially in extracting soluble organic compounds from drugs, soil, sludge, cleaners, and similar substances.

APPLICATIONS

- **Food and Agriculture:** Determines fat and oil content in food, feed, cereals, and agricultural products to support nutritional analysis, quality control, and labeling accuracy.
- **Pharmaceutical Industry:** Extracts soluble organic compounds from drugs, excipients, and formulations for research, development, and regulatory compliance testing.
- **Environmental Analysis:** Used in soil, sludge, and wastewater studies to extract hydrocarbons, pesticides, and pollutants for contamination assessment and monitoring.
- **Chemical Industry:** Supports extraction of additives, plasticizers, and soluble compounds from chemical products and raw materials for R&D and production control.
- **Cosmetics and Personal Care:** Measures extractable oils, waxes, and fragrances for formulation testing, product development, and stability evaluation.
- **Academic & Research Labs:** Provides a reliable extraction method for teaching, scientific research, and routine analysis of extractable matter across disciplines.

FEATURES

Automatic extraction

Initiate extraction, lifting, pre-heating, actual extraction, dilution, and solvent recovery with a single touch for automated operation.

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

Incorporates Soxhlet Extraction, Soxhlet Hot Extraction, Continuous Flow Extraction, Hot Extraction, and CH Standard methods for extraction purposes.

Apply to all organic solvents

Automatic Soxhlet Extractor TT-SOX606 Fat analyzer Customized with glass and PTFE materials, effectively blocking impurities and ensuring a high level of accuracy. Compatible with all organic solvents, meeting the diverse needs of users.

ECO- friendly and conservation

Complete temperature and flow control to minimize condensed water consumption.

Features & Advantages

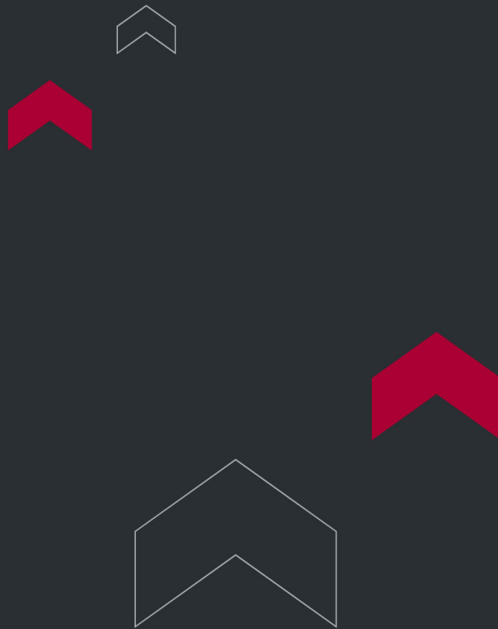
- Automatic Soxhlet Extractor TT-SOX606 Compatible with all organic solvents, catering to diverse demands.
- Automatic Soxhlet Extractor TT-SOX606 follows customized glass and PTFE construction, blocking impurities and ensuring high accuracy.
- Effortless one-click operation for start and pause, enhancing operational efficiency.

- The Automatic Soxhlet Extractor TT-SOX606 allows its controller to adhere to any iron surface.
- Vertical screen design for enhanced user-friendliness.
- Comes with 5 built-in extraction methods for convenient operation.
- Offers preset common reagent options, facilitating repeated trials with a single click.
- Features an overall heating module that heats up faster, delivers effective results, and consumes less power.
- Complete temperature and flow control for environmental and economical benefits.
- Includes an embedded ether leak detection system to guarantee experiment safety.
- Efficient solvent recovery system to reduce experimentation costs.

TECHNICAL SPECIFICATIONS

Temperature range	Room temperature +5℃~ 300℃
Measuring range	0.1 ~ 100%
Temperature accuracy	±1℃
Reproducibility	Relative error 1%
Sample weight	0.5 ~ 15g
Capacity per batch	6pcs/batch
Solvent cup volume	150mL
Solvent recovery	≥85%
Controller	External via cable
Power supply	220VAC±10%, 50Hz (110V is also available. Please specify when ordering)
Display	7 inches color touch screen
Power	2.6KW

Dimensions	25.6 inches X 15 inches X 28.3 inches
Net Weight	110.2 lbs.



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