INOF7

Automatic Soxhlet Extractor

INOF7 Automatic Soxhlet Extractor is designed based on the Soxhlet extraction principle with weight method to determine the fat content. It has five extraction methods to meet different demands from the customer. The whole metal heating module, heating up fast, good effect, low power consumption; access to all-round water temperature, flow control, environmental protection more economical; built-in ether leak detection device to ensure experimental safety. It is widely used in agri-cultural/ food /chemical /environment and other areas, especially for the drug, soil, sludge, cleaner, and other substances in the extraction of soluble organic com-pounds.

Features & Advantages

- Apply to all organic solvents to satisfy all demands.
- Automatic Soxhlet standard method, it customized by glass and PTFE, which can block all impurities and possess high rate of accuracy.
- One click manipulation for start and pause, that makes operation with high proficiency.
- Analyzer allows its controller to adsorb on any surface made by iron.
- Vertical screen, more humanization.
- In-built 5 methods of extraction, handy operation.
- Preset common reagent options, one-click manipulation for repeated trials.
- The overall heating module, possesses features of warming faster, favorable effect and low power consumption.
- Full temperature and flow control for environmental and economy.
- In-built ether leak detection device to ensure experiment safety.
- Efficient solvents recovering system for reducing experimentation cost.

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 Extractioin, 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.

Technical data

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
Display	7 inches color touch screen
Power	2.6KW
Dimensions	650mm×380mm×720mm
Net Weight	50Kg