

# JRZF-06A

## Fully Automatic Fat Analyzer

v25.1.01

JRZF-06A is the product with the highest automation program and performance in China.

Equipped with patented electronic refrigeration system.

One-click complete whole analysis process:

Easy to operate, stable performance, high precision, with: Soxhlet extraction, hot extraction, Soxhlet hot extraction, continuous flow and standard hot extraction and other automatic extraction modes



## Product Features

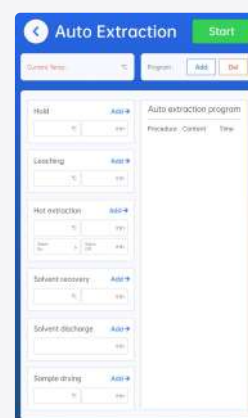
★ Patent invention "Application of Electronic Refrigeration Technology in Fat (Soxhlet) Extractor" does not require large amounts of tap water, energy-saving, environmentally friendly, and offers high reflux extraction efficiency.

★ One-key fully automatic completion: solvent cup clamping, sample basket lifting (lowering), temperature increase, soaking, various reflux extraction methods, solvent recovery, solvent collection, sample and cup drying, valve opening/closing, cooling system activation/deactivation, all procedures.

★ Ambient temperature soaking, hot soaking, hot extraction, continuous extraction, intermittent extraction, solvent recovery, solvent collection, solvent cup and sample drying can be chosen and combined at will.

★ Sample and solvent cup drying can replace the function of a drying oven, convenient and quick.

★ 7-inch color touch screen: operable at the instrument front, on the workbench surface, handheld, or magnetically placed on the side, friendly interface design, convenient and easy to learn.



★ Electromagnetic valve can be operated by point pressing, timing, or manual operation.

★ Combination formula management can store up to 99 different analytical formula programs.

★ Fully automatic lifting and clamping system is highly automated, reliable, and convenient.

★ Menu-style program editing, intuitive, easy to operate, and can be repeatedly loaded.

★ Up to 40 program segments, multiple temperatures, multilayer multi-cycle soaking, extraction, and temperature increase.

★ Integral metal bath deep-hole heating block (22mm) heats up quickly, and the solvent uniformity is good.

- ★ PTFE seal joint and Saint-Gobain organic solvent-resistant tubing.
- ★ Automatic lifting function of the extraction filter paper cup holder ensures samples are simultaneously immersed in organic solvents, contributing to improved consistency of sample test results.
- ★ Solvent auto-collection system can automatically collect the recovered solvent back into the solvent bottle for reuse.
- ★ Customized components are suitable for various organic solvents, including petroleum ether, ether, alcohols, halogenated hydrocarbons, and other partial organic solvents.
- ★ Petroleum ether leakage alarm: when the working environment becomes hazardous due to leakage of petroleum ether, the alarm system activates and heating stops.
- ★ Equipped with two types of solvent cups, aluminum alloy, and glass, for user selection.

## Technical Specification

Analysis range: 0.1% - 100%

Temperature control range: RT + 5°C - 300°C

Temperature control accuracy:  $\pm 1^{\circ}\text{C}$

Number of samples per determination: 6

Sample weight range: 0.5g - 15g

Solvent cup volume: 150mL

Solvent recovery rate:  $\geq 85\%$

Solvent collection: Automatic/Manual

Control screen: 7 inches

Solvent reflux stopper: Electromagnetic auto open/close

Extractor lift system: Automatic

Heating power: 1100W

Electronic refrigeration power: 700W

Voltage: 220V  $\pm 10\%$  / 50Hz