

Fully Automatic Fat Analyzer



Introduction:

The fully automatic fat analyzer is an instrument based on the Soxhlet extraction principle for the extraction and separation of fats and other organic substances. It features five extraction modes, dual heating blocks, and a gas leak alarm. Widely used for fat extraction in agriculture, food, environmental, and industrial sectors, it is also applicable for measuring soluble organic compounds in detergents, pharmaceuticals, petrochemical products, textiles, soil, and sludge.

Features:

- * The system is equipped with a full-fluorination fluidic path, resistant to high temperatures and chemical corrosion from various solvents—including benzenes, ethers, ketones, and more—making it compatible with all organic solvents and suitable for a wide range of sample testing requirements.
- * Featuring one-touch start and pause controls, the device simplifies operation and lowers the technical threshold, allowing flexible control over the experimental process.
- * It runs on an Android-based operating interface, designed to be intuitive and user-friendly for clear and straightforward operation.
- * The instrument supports five extraction modes to accommodate different sample types and extraction needs.
- * Pre-configured common reagent options are built in, enabling quick setup for high-frequency tests with a single click.
- * An integrated ether leak sensor and real-time anomaly monitoring system automatically pause experiments and issue alerts upon gas detection, ensuring operational safety and smooth procedure.
- * The fully transparent condensation and extraction modules provide clear visibility into the instrument, allowing easy monitoring of the experimental process.
- * With one-touch solvent recovery, operators can efficiently retrieve solvents via the controller after experiments, minimizing waste and simplifying cleanup.

Technical Parameters:

Model	SFA-606
Temp. Range	5~300°C
Measuring Range	0~100%
Temp. Accuracy	±0.1°C
Sample Weight	0.5~15g(Normally 2~5g)
Capacity	6pcs/batch
Solvent Cup Volume	150ml
Solvent Recovery	≥85%
Power Supply	AC 220V, 50/60Hz(Standard); 110V, 50/60Hz(Optional)
Consumption	2500W
External Size(W*D*H)	665*360*750mm
Package Size(W*D*H)	790*490*1050mm
Net Weight	63kg
Gross Weight	70kg