Fat Extractor



Introduction:

Fat Extractor(also known as automatic Soxhlet extractor, crude fat analyzer), mainly by heating extraction, solvent recovery, cooling three parts. Each heating tank can adjust the heating temperature and time independently according to the different boiling point of the reagent, and the sample is repeatedly soaked and extracted by the reagent to achieve the purpose of rapid extraction.

Application:

Mainly used for extracting food, grain, feed, oil, soil, wool grease and other samples.

Features:

* 7 inch LCD touch screen display control.
* Integrated metal bath heating system ensures that each sample can be operated independently.
* Cast aluminum heating module, fast heating speed, fast reflux speed.
* With heating extraction, solvent recovery function, saving experimental supplies.
* Built-in circulating water pipeline, easy to operate.
* With overvoltage, overheating, leakage multiple protection devices.
* Reserve heating function, reserve opening time.

Technical Parameters:

Model	BKXET02C	BKXET04C	BKXET06C
Capacity	2pcs	4pcs	6pcs
Sample Weight	0~100g		
Temp. Range	RT.~250℃		
Solvent Cup Volume	250ml		
Power Supply	AC 220V, 50/60Hz(Standard); 110V, 50/60Hz(Optional)		
Heating Way	Dry independent heating		
Device	Condensing recovery device, overheating protection device		
External Size(W*D*H)	330*410*850mm	532*410*850mm	750*410*850mm
Package Size(W*D*H)	435*515*995mm	640*515*995mm	855*515*995mm
Net Weight	18kg	23kg	31kg
Gross Weight	23kg	28kg	37.5kg

Fat Analyzer



Applications:

The water bath fat analyzer is a commonly used instrument for food, oil, feed and other industries to measure fat content by gravimetric method based on Soxhlet extraction principle. This instrument is mainly composed of three parts: heating and soaking extraction, solvent recovery and cooling. It dissolves fat in organic solvent, separates fat from solvent by extraction method, and then calculates the fat content after drying and weighing. During operation, the heating temperature can be adjusted according to the boiling point of the reagent and the ambient temperature. The sample is soaked and extracted repeatedly during the extraction process, so as to achieve the purpose of rapid determination.

Features:

* Digital temperature control, timing, and alarm when the time comes
* The heating power can be adjusted arbitrarily, and the heating temperature can be adjusted according to the boiling point of the reagent and the ambient temperature
* Adopt ground glass junction and PTFE sealed switch, high reagent recovery rate
* Stainless steel water bath Teflon coating treatment, anti-corrosion, anti-rust, durable and beautiful
* Small size, fast heating speed in water bath, good heating uniformity
* Self-flowing liquid addition, reagent extraction is smooth
* One-piece design, the reagent container is placed on the table, easy to add liquid
* The circuit and liquid circuit are completely isolated to enhance system security

Technical Parameters:

Model	SFA-06
Control Temp. Range	RT+5 to 100℃
Measuring Range	0.1 to 100%
Control Temp. Precision	±1℃
Sample Weight	0.5 to 20g(Typically 2 to 5g)
Capacity	6pcs/batch
Solvent Cup Volume	500mL
Solvent Recovery	≥85%
Measuring Time	The extraction time is adjustable, and the alarm will be issued when the time comes
Power	1.4KW
Power Supply	AC 220V, 50/60Hz(Standard); 110V, 50/60Hz(Optional)
External Size(W*D*H)	740*260*660mm
Package Size(W*D*H)	880*380*900mm
Net Weight	26kg
Gross Weight	50kg

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