格丹纳 GDANA

FT-660

Fully Automatic Soxhlet Extractor

The fully automatic Soxhlet extractor is used for determining the crude fat content in food, feed, oilseeds, detergents, polymers, pharmaceuticals, petro-chemical products, soil, sludge, and for determining the benzene soluble content of fixed pollution sources waste gas, and the semi-volatile organic compounds of solid waste.



Perfluorinated tubing, resistant to most organic solvents

Product Parameters

Measurement range	0.1%～100%
Extraction time	Shorten by 20% to 80%
Standard deviation	<0.5%
Temperature control range	Room temperature5℃～300℃
Temperature control precision	±0.1℃
Environmental temperature	10℃～28℃
Repetition	≤1%
Number of channels	6

Product features

Real national standard Soxhlet extraction, fully automatic completion of the whole extraction process

It supports various methods such as classic Soxhlet extraction, Soxhlet thermal extraction, hot extraction, continuous extraction, etc. The data is accurate and the entire process of extraction, washing, and reagent recovery is fully automated.

Dual heating mode, each time with pure organic solvent extraction, faster and more complete

The collection bottle and extraction chamber are designed with dual heating, ensuring that the extraction chamber is always immersed in pure organic solvent for faster and more complete extraction.

The lever principle collection chamber press mechanism has high leakage prevention

The collection chamber press mechanism which employs the lever principle effectively prevents solvent leakage and makes the process safer.

A fully fluorinated pipeline design can withstand the majority of organic solvents.

The internal pipeline of the instrument is designed with fully fluorinated pipeline, which can withstand the majority of organic solvents and meet most of the experimental requirements.



Partial standard

GB 5009.6-2016 National Food Safety Standard-Determination of Fat in Food

GB/T 6433-2006 Determinaiion of crude fat in feeds

NY/T 4-1982 Method for the determination of crude fats in cereals and oil crop seeds

HJ 690-2014 Determination of benzene soluble substances in waste gas from stationary pollution sourles.

HJ 951-2018 Determination of semi-volatile organic compounds in solid waste.

WeChat

Official website

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