

Fat Extraction System "SOXTEST"



"SOXTEST"



Control panel

Intended use

Extraction system with solvents, according to Soxhlet and Randall methods for fat and soluble materials determination, in food, feeds, soils, detergents, polymers, paper pulp, fibers, rubbers, textiles, petrochemical products, pharmaceutical products, etc.

Meets official methods AOAC, ISO, AACC

Advantages

- Independent programming for the plate temperature, ("boiling") extraction time and ("rinsing") extraction time

Features

- Furniture in stainless steel, epoxy resin painted
- Heating by an electric plate with armoured resistance to assure homogeneous distribution of heat.
- Control of temperature by microprocessor with P.I.D. action and probe Pt100 class A
- Over temperature safety control by independent thermocouple and alarm

Fat Extraction System "SOXTEST"

Specifications

Temperature range: room temp. +5°C to 250°C

Solvent volume: up to 50 mL

Solvent recovery: 60-70%

Max. sample volume: 25 mL

Reproducibility: ±1%

Extraction thimbles: ø26 x 60 mm

"Boiling" extraction time: 0-99 hours

"Rinsing" extraction time: 0-99 hours

Extraction time: 30-60 minutes

Electric protection IP65

Solvent

Extraction temperature

Diethyl ether	100° C
Petroleum ether	100° C
Hexane	140° C
Chlorophorm	150° C
Trichloroethylene	190° C
Methanol	200° C
Ethanol	200° C
Toluene	200° C

Reference	Number of samples	H x L x D cm	Reproducibility	Power W	Weight kg.
SX-6 MP	6	590 x 680 x 310	± 1%	1500	40

Supplied with the following accessories:

18 extraction vessels (CEX) + magnetic adapters (70016)

Box containing 25 thimbles (CD-2526)

7 thimble supports (70155)

Extraction vessel tong (4030)

3 racks for extraction cartridges (70018)

3 Cartridge support Rack for extraction vessels (70019)

Aligning rack (70021)

Handle to insert (70020)

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Accessories

Reference

Description

CD-2526

Box of 25 thimbles for
extraction



Reference

Description

CEX

Extraction vessel

