

CO2 SUPERCRITICAL FLUID EXTRACTION EQUIPMENT

Supercritical CO2 Cinnamon Oil Extraction Machine

Model HSFE-5

A 5L supercritical fluid extraction system with one extractor and two separators, rated to 50MPa and up to 85°C, for solvent-free extraction of cinnamon oil and other botanical oils.

Specifications

Model	HSFE-5
Extraction kettle	5L
Working pressure	50MPa
The flow of CO2	0~50L/h
Voltage	3 phase 380V 50HZ
Extraction temperature	Ambient temperature to 85°C



Key Benefits

Solvent-free extract

CO2 leaves as a gas in the separator, so the cinnamon oil carries no residual solvent.

Two separators

Fractions can be dropped out separately instead of collecting everything in one vessel.

50MPa design pressure

Enough headroom to run the dense, high-pressure conditions that resinous material needs.

Stainless steel wetted parts

Pipe parts, valves and pipelines are all stainless steel.

Technical Features

- Multi-function SPE equipment, intermittent or continuous working mode
- One extractor and two separators
- Additive can be dosed into the supercritical fluid
- Overpressure protection system with sufficient safety valves
- Pressure, temperature and flow shown on gauges and digital instruments
- Stainless steel pipe parts, valves and pipelines

Request a quotation

Send two things and a full specification comes back: the raw material you will process, and the production capacity you need per batch. Machines are supplied from 0.5L to 200L and larger capacity is customised on request. Email info@better-industry.com or call +86-21-60518061.