

SH220F

Kjeldahl Digestion System

SH220F Graphite Digester includes globally advanced technology, features quick digestion, high efficiency and easy for use, etc., It's widely used in such fields as food, medicine, agriculture, forestry, environmental protection, chemical engineering, biochemistry, as well as universities, research departments and so on, for sample digestion prior to the chemical analysis of soil, feed, plants, seeds, minerals etc., suitable for matching K9840 analyzer.

Characteristic

- 20 positions, enhance working efficiency rapidly.
- Corrosion-resistant design.
- It adopt advanced insulation technology, eco-friendly, reduce energy intensity maximum limitedly.
- Multi-protection, Over-current protection, high temperature warning, overload protection.
- LCD display.
- It's used with microwave reaction system, pretreat for microwave digestion or removing acid after digestion.
- Linear and curve temperature rise mode, up to 5 stages temperature setting.
- Curve temperature rise and linear temperature rise two temperature control modes.

The SH220F has two temperature control modes: curve heating and linear temperature heating. It can edit and store 10 groups of digestion programs. Each group can set up a segment temperature and time gradient of up to 5 to meet different experimental needs of users.



SH220F

Graphite block have longer life after special anti-oxidation processing.

It adopt advanced PID temperature control technology, high accuracy heating up to 400°C only cost 20minutes.



WD03 Gas Collection Hood

Using PFA sealed cap, longer life, dealing effect well.

Clip-on sealing cap, easy for changing.

Specialized water jet vacuum pump is adopted, don't need electric power.

Drip tray design, reduce corrosion damage from acid solutions.

Note:“●”with the same technical index;“—”without

Technical data

	SH420F	SH220F
Temperature range	Room temperature +5 - 450 °C	●
Temperature accuracy	±1 °C	●
Heating method	Infrared heating and high-purity graphite conduction	●
Heating insulation method	unique air duct insulation technology	●
Digestion tube capacity	300mL	●
Capacity per batch	20pcs/batch	●
Power supply	220 VAC±10% 50HZ	●
Power	3600W	●
Dimensions	515mmX458mmX730mm	515mmX421mmX211mm
Net weight	40Kg	25Kg