SH420F

Kjeldahl Digestion System

Hanon SH420F Graphite Digester adopts globally advancedhigh-temperature infrared radiation heating technology and microprocessor control platform, accurate temperature control and quick temperature rise. It has two kinds of temperature rise mode: linear and curve temperature rise mode, and offers 20 digestion programs for control of temperature rise curves.

Neutralization system is including ternary filtration functions, condensation, neutralization and filtration. The product adopts high-quality anticorrosive Pumps, low noise, strong suction, reduce exhaust emissions, eco-friendly.



- 20positions enhance working efficiency rapidly.
- Graphite block have longer life after special anti-oxidation processing and heating more uniform.
- Corrosion-resistant design.
- It adopts advanced PID temperature control technology, high accuracy heating up to 400°C only 25minutes.
- Multi-protection, Over-current protection, high temperature warning, overload protection.
- It adopts 5.7" color screen, easy for use.
- Standard configuration with waste gas collection hood WD03.
- Temperature control model, program control, curve and linear temperature rise.

S402 Exhausting System

- Mould design, compact appearance.
- Absorption device area is translucence design, easy for inspection and changing.
- Suction pressure is adjustable when become negative, to avoid acid gas spilling oremptying.
- Anticorrosion vacuum pump, low noise, large suction, reduce wasted gas exhausting and environmental friendly.
- Ternary filtration system (water condensation, alkali neutralization and active carbon filtration) ensure perfect neutralization and absorption performance. PTFE anticorrosion pipe design, improve using life.

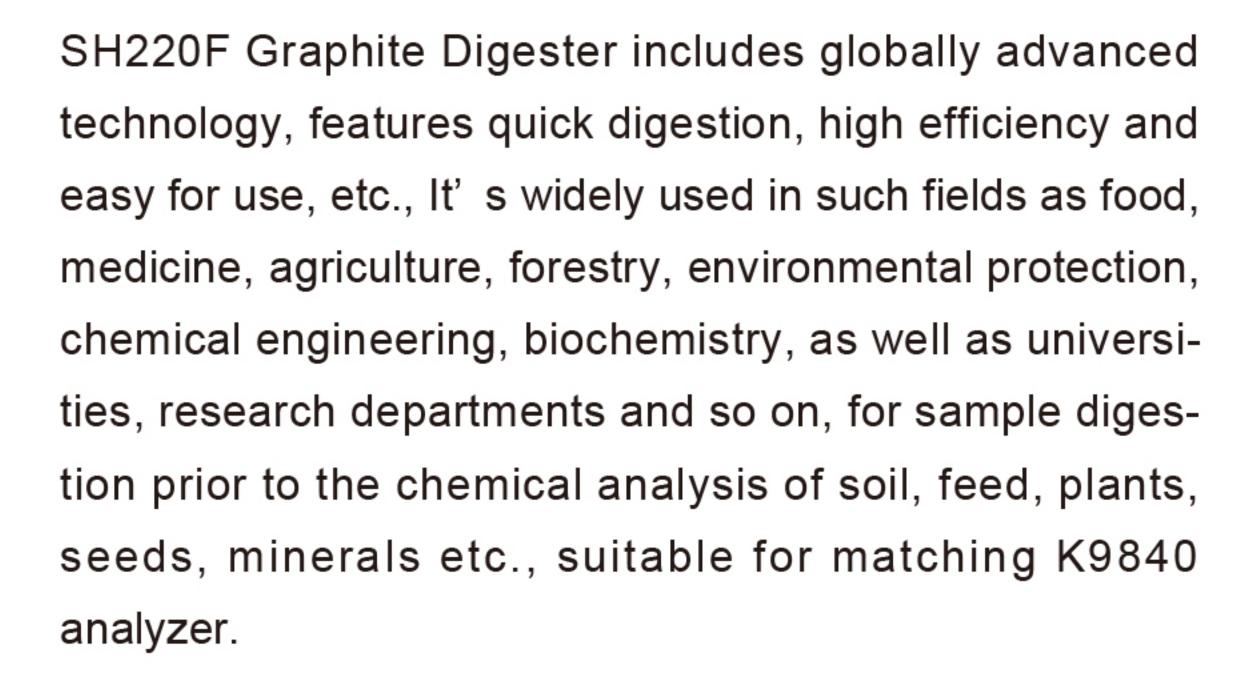




S402

SH220F

Kjeldahl Digestion System





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.

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.

Note:"●"with the same technical index;"—"without

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