



## SH420/SH220 Graphite Digester



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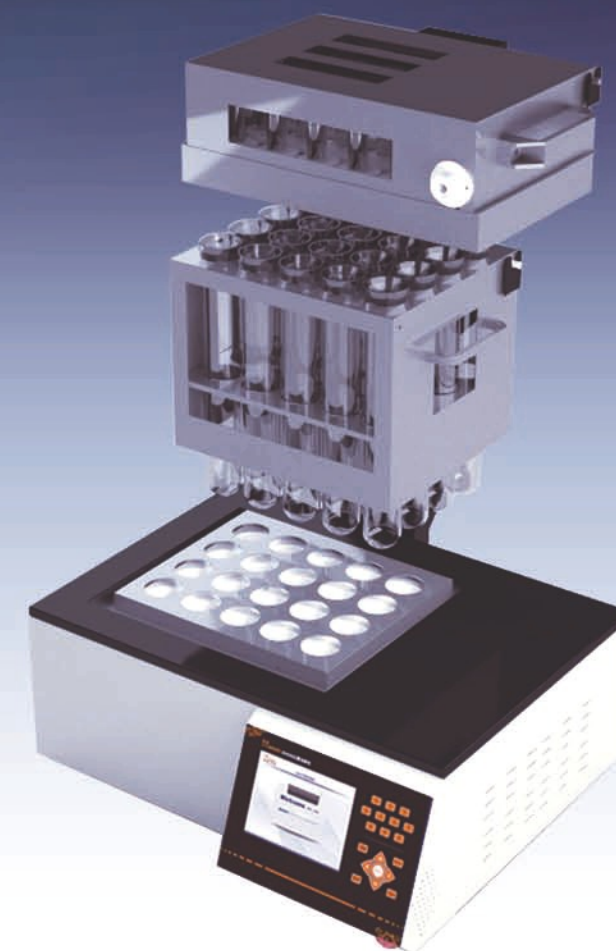
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### Technical Data

SH420

Temperature range	Room temperature +5 - 450 °C
Temperature accuracy	± 1 °C (450 °C)
Heating method	Infrared heating and high-purity graphite conduction
Heating insulation method	unique air duct insulation technology
Digestion tube capacity	280ml
Capacity per batch	20pcs/batch
Power supply	220 VAC±10% 50HZ
Power	3600W
Dimensions	474mmX509mmX636mm
Net weight	25Kg





# SH420/SH220 Graphite Digester



SH420/SH220 Graphite Digester adopts globally advanced high-temperature infrared radiation heating technology and microprocessor control platform, boasts accurate temperature control and quick temperature rise. SH420 has two kinds of temperature rise mode: linear and curve temperature rise mode, and offers 20 digestion programs for control of temperature rise curves.

Hanon neutralization system S402 has many functions such as triple filtration, condensate recovery of exhaust gas, filtration and neutralization device. The product adopts high-quality Anti-corrosive Pumps, low noise, strong suction, reduce exhaust emissions, eco-friendly.

## Characteristic

- 20 positions, 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 cost 25minutes.
- Multi-protection, Over-current protection, high temperature warning, overload protection.
- It adopts 5.6" color screen, easy for use(SH420/420F).
- It can pretreat for microwave digestion or removing acid after digestion.
- Standard configuration with waste gas collection hood.
- Use with WD03 exhaust hood and S402 neutralization system.
- Digestion tube (300ml) of the SH420F/220F can be compatible with other leading brand, it is more convenient to use



SH220

S402 Exhaust System is an eco-friendly waste gas absorption device, has superior neutralization and adsorption performance, can neutralize the acidic mist and reaction gases coming from Kjeldahl analysis or other processes.



The anti-corrosion processed vacuum pump with low noisy, large suction, low waste gas exhausting and power saving function.

It is available for acid gas neutralizing, absorbing, and letting the operating environment safety.

It has perfect neutralizing and absorbing function, can neutralize acid mist and reacting gas which is generated from Kjeldahl processing or any other processing.

Negative pressure is adjustable, let operating flexibly.

Design with TEFLON coating, the surface resistance to acid alkali corrosion.(SH420)



WD03 exhaust hood, combine with SH220/SH420, include water ejector.

Increase the heating element detection technology, to realize real-time monitoring for heating elements .If there is an exception the system will warn automatically, it makes the machine smarter.

