

Kjeldahl Digestion system DW-SH420F

Features

1. Anti-corrosion design: TEFLON coating on the surface, acid/alkali proof.
2. Heating uniform and fast: Adopt graphite block(antioxidant), heating faster and energy transfer faster, temperature between holes more uniform.
3. Safety protection: adopt unique air duct insulation tech, keep the temperature ultra low, protect operator

DW-SH420F Kjeldahl Digestion system adopts globally advanced high-temperature infrared radiation heating technology and microprocessor control platform, boasts 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. Drawell neutralization system has many functions such as triple filtration, condensate recovery of exhaust gas, filtration and neutralization device. The product adopts high-quality Anticorrosive Pumps, low noise, strong suction, reduce exhaust emissions,eco-friendly.

Characteristics

- 20 positions, enhance working efficiency rapidly.
- Graphite block have longer life after special anti-oxidation processing and heating more uniform.
- It adopt advanced insulation technology, eco-friendly, reduce energy intensity maximum limitedly.
- Corrosion-resistant design.
- It adopt advanced PID temperature control technology, high accuracy heating up to 400°C only cost 25 minutes.
- Temperature control model: Program control, curve and linear temperature rise.
- Multi-protection, Over-current protection, high temperature warning, overload protection.
- It adopts 5.7" color screen, easy for use.
- It can pretreat for microwave digestion or removing acid after digestion.
- Standard configuration with waste gas collection hood.



Specifications

DW-SH420F	
Temperature range	RT + 5°C to 450°C
Stability of the heating block temperature	± 0.1°C
Precision of the heating block temperature	± 0.1°C
Heating method	Infrared heating and high purity graphite conduction
Heating insulation method	Unique air duct insulation technology
Digestion tube	300mL, Φ42mm
Capacity per bath	20pcs
Power	220AVC±10%, 50Hz, consumption: 3.6Kw
Dimension	515*421*730mm
Weight net	25Kg

DW-WD03 Waste Gas Collection Hood(suction cap)

The drip tray on DW-WD03 design, reduce risk where from corrosion of acid gas.

- 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

