

STALWART

Kjeldahl Digestion System SDK-420



Discription

Stalwart SDK-420 Kjeldahl Digestor adopts 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 modes: linear and curve temperature rise mode, and offers 20 digestion programs for control of temperature rise curves.

Neutralization system 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.

Characteristics

- Can digest 20 samples at the same time
- Using infrared radiation graphite conduction heating method, the heating speed is fast, and the temperature difference between the holes is small
- Adopt PID temperature control technology, high temperature control accuracy, fast heating speed, only 25 minutes from room temperature to 400°C
- It has two heating methods: curve heating and linear heating, 500 groups of digestion programs can be edited and stored, and each group can be set up to 25 segments Temperature and time gradient to meet different experimental needs of users
- The surface of the instrument is coated with Teflon, and the whole machine is treated with anti-corrosion treatment to avoid the corrosion of the machine by acidic liquids during the experiment
- Using 5.6 inch large screen true color LCD display system, intuitive and convenient operation
- The whole machine has multiple protections such as over-voltage, over-current, over-heating, etc., and over-temperature alarm function
- Adopt advanced ceramic and air duct heat insulation technology to make the experiment operation safer
- Standard simple cooling rack, digestion tube can be cooled quickly, improve work efficiency
- Optional waste gas neutralization system, through condensation, neutralization and drying to eliminate the acid gas generated during the experiment

S402 Scrubber

- 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.
- Anti corrosion 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 anti corrosion pipe design, improve using life.

Specification

Model	SDK-420
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
Net weight	40Kg