



# Graphite Kjeldahl Digester LKGD-A10

Graphite Kjeldahl Digester LKGD-A10 is an eco-friendly graphite digester system with anti-corrosive design comprised of high temperature infrared radiation heating technology. Features 20 digestion programs with PID temperature control and insulation. Incorporated with 5.7-inch colour screen for user friendly interface, has anticorrosive pump with over-current protection, high temperature warning and over load protection.

## Features

- ❑ 5.7-inch colour screen display, user friendly interface
- ❑ Comprises of high-quality anticorrosive pumps, low noise, reduce exhaust emission
- ❑ Eco friendly, Corrosion-resistant design
- ❑ Advanced high temperature infrared radiation heating technology and high-purity graphite conduction
- ❑ 20 digestion programs with PID temperature control technology and advanced insulation technology
- ❑ Linear and curve temperature control modes, up to 5 stages temperature settings
- ❑ Over-current protection, high temperature warning and overload protection
- ❑ Anti-oxidation processing for graphite block, increases durability
- ❑ Ergonomic design, easy to use

## Application

Graphite Kjeldahl Digester is widely used in Food & Feed, Beverage, Chemical and Pharmaceutical Industries to break down the bonds that hold the polypeptide together, to convert the polypeptides into simpler molecules before Kjeldahl distillation process and also to speed up the reaction.

## Specifications

Model	LKGD-A10
Temperature Range	5 °C to 450 °C
Digestion Tube Capacity	300 ml
Capacity Per Batch	20 pcs / batch
Heating Method	Infrared heating and high-purity graphite conduction
Heating Insulation Method	Unique air duct insulation technology
Temperature Accuracy	± 1 °C (450 °C)
Power Supply	AC 220 V ± 10 % / 50 Hz
Power	3600 W
Dimension	515 × 458 × 730 mm
Net Weight	40 kg

## Optional Accessories

Accessories no.	Accessories Name
1	Exhausting System
2	Gas Collection Hood