



# **GRAPHITE BLOCK KJELDAHL DIGESTER LKGD-A11**

Graphite Block Kjeldahl Digester LKGD-A11 is an eco-friendly graphite block 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 LCD display for user friendly interface, over-current protection, high temperature warning and over load protection.

## Features

- ❑ LCD display, easy to use interface
- ❑ Sample digestion with microwave reaction system, quick digestion
- ❑ 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 Block Kjeldahl Digester is 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-A11
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
Power Supply	AC 220 V ± 10 % / 50 Hz
Power	3600W
Dimension	515 × 421 × 211 mm
Net Weight	25 kg

## Optional Accessories

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