



Built-In Scrubber Digestion Unit



Product Description

KLABS KBDD-450 Built-In Scrubber Digestion Unit is a high-performance digestion system designed for rapid and efficient sample digestion in Kjeldahl nitrogen analysis. The system incorporates a built-in scrubber, precise PID temperature control and high-temperature resistant construction to ensure safe, reliable and reproducible digestion performance.

Features

- Built-in scrubber system with automatic drain and refill facility
- High-temperature digestion block for efficient sample processing
- PID-based point and curve temperature control
- Aluminium alloy high-temperature heating block
- High digestion efficiency and temperature uniformity
- Chemical-resistant digestion pathways
- Automatic fume absorption and neutralization system
- Robust and user-friendly design
- Suitable for continuous laboratory operation

Application/Uses

- Food & Feed Testing
- Agricultural Laboratories
- Fertilizer Testing
- Environmental Analysis
- Research & Development Laboratories
- Quality Control Laboratories



KBDD-450

Safety Features

- Built-in scrubber for digestion fume absorption
- Automatic drain and refill after each digestion cycle
- High-temperature resistant construction
- Stable and reliable operation

Technical Specifications

Parameter	Specification
Product Name	Built-In Scrubber Digestion Unit
Model No.	KBDD-450
Capacity	8 / 12 tubes
Compatible Tube Sizes	42 mm OD, 300 mL Kjeldahl tubes
Temperature Range	Ambient to 450°C
Temperature Accuracy	±1°C
Heating Module Material	Aluminium alloy high-temperature block
Temperature Control	PID-based point and curve control
Construction	High-temperature digestion block with resistant chemical-pathways
Auto Scrubber	Automatic drain and refill after each digestion cycle
Power Supply	220–240 VAC, 50/60 Hz