



## GRAPHITE DIGESTER BGF1E2 (BKJS-102)

# GRAPHITE DIGESTER BGF1E2

## KJELDAHL DIGESTOR

Kjeldahl Digester has the advantages of fast, efficient and convenient digestion. It is suitable for food, pharmaceutical, agricultural and other industries, as well as universities and scientific research departments to digest soil, feed and other samples before chemical analysis.



20 positions enhance working efficiency rapidly.

Corrosion-resistant design.

It adopts advanced insulation technology, is eco-friendly, and reduces energy intensity maximum.

Multi-protection, Over-current protection, high temperature warning, overload protection.

LCD display.

It's used with a microwave reaction system, pre-treated for microwave digestion or removing acid after digestion.


Linear and curve temperature rise mode, up to 5 stages temperature setting.

Curve temperature rise and linear temperature rise are two temperature control modes.

## SPECIFICATIONS


Model	BGF1E2
Old Model	BKJS-102
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	300 mL
Capacity per batch	20 pcs/batch
Power supply	220 VAC ±10% 50/60 Hz
Power	3600 W
Dimensions	515 mm x 421 mm x 211 mm
Net weight	25 kg
Alt Name	Kjeldahl Digester

## ITEMS INCLUDED

No	Image	Name	Description
1		Gas Collection Hood	Using PFA sealed cap, longer life, dealing with it 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.

## ACCESSORIES FOR PURCHASE

No	Image	Name	Description
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1		<p>Exhausting System</p> <p>Module 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 or emptying. Anticorrosion vacuum pump, low noise, large suction, reduce wasted gas exhausting and environmentally friendly. Ternary filtration system (water condensation, alkali neutralization and active carbon filtration) ensure perfect neutralization and absorption performance. PTFE anticorrosion pipe design improves using life.</p>
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## FEATURES

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It has two temperature control modes: curve heating and linear temperature heating. It can edit and store 10 groups of digestion programs. Each group can set up a segment temperature and time gradient of up to 5 to meet different experimental needs of users.



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