

## Microwave Digester



### Features:

- \* All-steel industrial grade chamber, anti-corrosion and durable use.
- \* Aerospace composite fiber outer vessel, anti-explosion and anti-corrosion.
- \* Multi-functional safety bolt design, instead of safety membrane and other consumables.
- \* Precise pressure controlled by piezoelectric crystal without cross-contamination problem.

### Technical Parameters:

Model	BMD-E1
Temp. Range	0~300℃
Temp. Accuracy	±1℃
Pressure Range	0~10Mpa
Pressure Accuracy	±0.01Mpa
Temperature Sensor	High-precision platinum resistor temperature sensor
Pressure Sensor	Piezoelectric crystal pressure sensor
Display	LCD display
Vessel Quantity	Standard 6 Vessels
Vessel Volume	100ml
Vessel Material	Aerospace composite fiber for outer Vessel, Modified TFM material for inner Vessel
Chamber Exhaust System	High-power anti-corrosion axial fan, exhaust speed: 3.1 m3/min
Digestion Method	Internal software, up to 20 methods can be stored
Maximum Output Power	1000W
Power Supply	AC220V±10%, 50/60Hz
External Size(W*D*H)	450*515*510mm
Package Size(W*D*H)	Main Body: 710*670*700mm; Accessory: 490*420*310mm
Gross Weight	Main Body: 63.5kg; Accessory: 9kg

## Graphite Digester



### Application:

BGD-420F Graphite Digester adopts globally advanced high-temperature infrared radiation heating technology and microprocessor control platform, accurate temperature control and quick temperature rise. It has two kinds of temperature rise mode: linear and curve temperature rise mode, and offers 20 digestion programs for control of temperature rise curves.

### Features:

- \* Anti-corrosion design: TEFLON coating on the surface, acid/alkali proof.
- \* Heating uniform and fast: Adopt graphite block(antioxidant), heating faster and energy transfer faster, temperature between holes more uniform.
- \* Safety protection: adopt unique air duct insulation tech, keep the temperature ultralow, protect operator

### Technical Parameters:

Model	BGD-420F
Temperature Range	RT +5 - 450℃
Temperature Accuracy	±1℃(450℃)
Heating Method	Infrared heating and high-purity graphite conduction
Heating Insulation Method	Unique air duct insulation technology
Digestion Tube Capacity	300ml
Max. Capacity	20pcs/batch
Power Supply	AC 220 V±10%, 50HZ
Power Consumption	3600W
External Size(W*D*H)	515*458*730mm
Package Size(W*D*H)	890*600*630mm
Gross Weight	57Kg