



Graphite Digester FM-GD-A100

Overview

Graphite Digester FM-GD-A100 is crafted for sample digestion, offers both curve and linear heating methods. With a capacity for 200 digestion programs, it incorporates a special anti-corrosion treatment for extended durability. Real-time temperature curve monitoring is seamlessly provided by the LCD display. Our digester incorporates overvoltage, overcurrent, and overheating alarms, complemented by reliable leakage protection.

Specifications :

Temperature Range	Rt +5 °C to 450 °C
Temperature Accuracy	- 1 °C
Digestive Tube Capacity	300 ml
Capacity Per Batch	10 pcs / batch
Heating Method	Infrared heating and high-purity graphite conduction
Heating Insulation Method	Ceramic fiber split air duct insulation technology
Display	7 inch high-resolution color LCD screen
Power Consumption	1.8 KW
Power Supply	220 V – 10 % / 50 Hz
Packing Dimension	620 x500 x560 mm
External Dimension	360 x390 x177 mm
Net Weight	30 kg
Gross Weight	36 kg

Features :

- Utilizes an infrared radiation graphite conduction heating method
- Utilizes a new ceramic fiber insulation layer and air duct insulation technology
- Ensures operator safety with an exhaust hood and PTFE sealing cap
- Versatile temperature range from RT+5°C to 450°C ensures flexibility
- Incorporates a PID intelligent temperature control algorithm for Graphite Digester
- Digestive tube cooling rack and drip tray for quick cooling of digestive tubes

Applications :

Graphite digester serves a wide range of applications across industries including food, medicine, agriculture, forestry, environmental protection, chemical, and biochemical.