

Heating Block



Applications:

It is suitable for food, medicine, agriculture, forestry, environmental protection, chemical, biochemical and other industries as well as institutions of higher learning and scientific research departments. Samples, digestion, and acid rush treatment before chemical analysis of soil, feed, plants, seeds, ores, etc.

Features:

- * Embedded software temperature control technology, PID temperature control, high temperature control stability and accuracy.
- * The temperature in the furnace is continuously adjustable, the temperature is constant, and the instrument is easy to operate.
- * The surface of the whole machine is sprayed with Teflon, which is resistant to strong acid and alkali corrosion, and protects the safety of experimenters and equipment.
- * The whole machine has multiple protections such as overvoltage, overcurrent and overheating.
- * The heat conduction efficiency is high, and all parts of the sample are heated evenly, which prevents the loss of heat to the greatest extent.
- * The deep hole heating of the cast aluminum heater prevents the condensation of acid gas, improves the efficiency of the experiment, and ensures the recovery rate of the experiment.
- * Heating element detection technology, automatic alarm prompt for abnormal situation.

Technical Parameters:

Model	BK-HBK12
Max Temperature	240°C
Accuracy	±1°C
Number of Samples	12pcs
Hole Diameter	39.5mm
Hole Depth	107mm
Power	1500W
Power Supply	Standard: 220V 50Hz, optional: 110V 60Hz (external transformer)
Packing Size	535*420*345mm
Gross Weight	26.2kg

Microwave Digester



Applications:

Microwave digestion technology heats reagents and samples in closed containers through microwave penetration and activation. It greatly speeds up reaction and shortens sample preparation time, with increased pressure and reaction temperature in digestion vessel. Microwave digestion is a commonly seen digestion technology widely applied in many fields.

Features:

- * Comprehensive safety guarantee, combined with anti-corrosion capability
- * Dual magnetron inverter control system ensures consistent sample digestion
- * Two LCD screen, displaying real-time operation and experiment status
- * Full-vessel precise temperature control and monitoring, ensuring safety and digestion performance
- * Smart software operation, conforming to FDA21CFRPart11

Technical Parameters:

Model	BMD-3
Temperature Range	0-300°C
Temperature Accuracy	±1°C
Pressure Range	0-15MPa
Pressure Accuracy	±0.01MPa
Display	LCD
Vessel Quantity	40pcs
Vessel Volume	55mL
Vessel Material	TFM
Working Conditions	0-40°C, 15-80%RH
Microwave Cavity	Grade 316L stainless steel microwave resonant cavity
Furnace Exhaust System	Automatically adjusted air volume; cooling to room temperature in less than ☒☒ minutes
Software System	Android operating system (8G memory), built-in video SOP, application method library, electronic door lock, etc.
Power	3800W
Power Supply	Standard: 220V 50Hz, optional: 110V 60Hz (external transformer)
External Size	600*685*660mm
Packing Size	Main unit: 740*740*820mm Accessory: 750*480*640mm Accessory: 500*510*580mm
Gross Weight	85kg 35kg 22kg