

Graphite Digester



Introduction:

Graphite digestion instrument is widely used in food, biological samples, sewage treatment, soil environmental protection, agricultural products, cosmetics, chemical, biochemical and other industries as well as universities, scientific research departments of soil, feed, plants, seeds, ore, biological tissue and other samples digestion treatment, selection of novel and unique, acid and alkali resistance, high temperature resistance.

Features:

- * The material adopts isostatic high purity graphite, the surface is treated by Teflon, acid and alkali resistance, high temperature resistance.
- * Powder coated steel shell, durable.
- * Simple operation, large sample processing batch.
- * LCD display, real-time temperature value display, countdown display timer can accurately control the heating time.
- * PID temperature control technology, high temperature control precision, fast heating speed.
- * Automatic fault detection and alarm function.
- * Built-in temperature deviation calibration function.

Technical Parameters:

Model	BJPX-SM12
Temp Range	RT.+5℃~260℃
Temp Accuracy	±1.0℃
Display Accuracy	0.1℃
Timing Range	1~9999min(h) or continue
Power Supply	AC110V/220V±10%, 50/60Hz
Digestion Module	Standard: SM004 Optional: Other modules
External Size	420*290*175mm
Package Size	450*320*220mm
Net Weight	8.5kg
Gross Weight	9.5kg

Digestion Module:

Model	Diameter of Digestion Hole	Suitable Digestion Tube Capacity	Max Num. of Digestion Tube
SM001	Φ18mm	5ml, 10ml	35
SM002	Φ21mm	5ml, 10ml	24
SM003	Φ25mm	15ml, 20ml, 25ml	20
SM004	Φ31mm	50ml, 60ml	12
SM005	Φ42mm	100ml	8
SM006	Customizable		

Heavy Metal Digester

Introduction:

GDA-30 has the advantages of fast digestion, high efficiency, convenience and large processing capacity. It is an ideal pre-treatment equipment for atomic absorption spectroscopy, ICP mass spectrometry and other elemental analysis instruments.



Touch screen operation



PTFE Digestive Tube



Application:

According to the experimental needs, can choose PTFE and silica glass two kinds of test tube, fully expand the user digestion acid range. Suitable for food, medicine, agriculture, forestry, environmental protection, chemical, biochemical and other industries as well as universities, scientific research departments to soil, feed, heavy metals, ore and other samples digestion treatment before chemical analysis.

Features:

- * The temperature in the furnace can be continuously adjusted, high precision, the temp. of the controlled point is constant, high heat conduction efficiency.
- * Separate isolation design of control system and heating system to reduce the influence of high temperature radiation and acid corrosion on the control system.
- * With overvoltage, overcurrent, overheat, overtemperature alarm, automatic fault alarm and other multiple protection.
- * Embedded software temperature control technology, PID temperature control.
- * Automatic detection of heating unit work fault and can determine the fault module.
- * New flame retardant environmental protection materials and air duct insulation.
- * PTFE and borosilicate glass two kinds of test tubes are available.
- * Surround three-dimensional heating, so that all parts of the sample are heated evenly.
- * Graphite block is treated with special anti-oxidation technology to prolong the service life.

Technical Parameters:

Model	GDA-30
Temp. Range	RT+5℃~450℃
Temp. Accuracy	±1℃
Capacity	30pcs
Digestive Tube	Glass tube scale 50mL(full capacity 100mL); PTFE tube (full capacity 70mL) (standard 30pcs)
Heating Mode	Infrared heating and high purity graphite conduction
Insulation Mode	Ceramic fiber, split air duct insulation
Display	7-inch high resolution color LCD screen
Alarm	Over temperature alarm
Consumption	3.4KW
Power Supply	Standard: 220V±10%, 50/60Hz; Optional: 110V±10%, 50/60Hz
External Size	480*390*177mm
Package Size	610*500*455mm
Net Weight	26kg
Gross Weight	38kg