Kjeldahl Apparatus

Graphite Digester

GDA-10

GDA-20

Introduction:

Graphite Digester adopts infrared radiation graphite conduction heating technology, accurate temperature control, uniform heating, fast heating speed.

Features:

* Infrared radiation graphite conduction heating method, fast heating speed, the temperature difference between the holes is small, and the sample digestion is consistent.
* PID intelligent temperature control algorithm, accurate and stable control, adapt to different sample pretreatment.
* Two heating methods of curve heating and linear heating, 200 groups of digestion programs can be edited and stored, and each group can be set up to 25 segments.
* Temperature and time gradient to meet different experimental needs of users.
* Special anti-corrosion treatment to avoid the corrosion of acidic liquid on the machine.
* 7-inch high resolution LCD display, real-time display temperature curve.
* Overvoltage, overcurrent, overheating and other alarm Settings and leakage protection.
* New ceramic fiber insulation layer and air duct insulation technology.
* Standard digestive tube cooling rack and drip tray, the digestive tube can be cooled quickly.
* Exhaust hood, PTFE sealing cap seal, prevent operators from inhaling harmful gases.

Technical Parameters:

Model	GDA-10	GDA-20
Temp. Range	RT+5℃~450℃	
Temp. Accuracy	±1℃	
Capacity	10pcs	20pcs
Digestive Tube	Glass tube 300ml*10	Glass tube 300ml*20
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	
Consumption	1.8KW	3.4KW
Power Supply	Standard: 220V±10%, 50/60Hz; Optional: 110V±10%, 50/60Hz	
External Size(W*D*H)	360*390*177mm	480*390*177mm
Package Size(W*D*H)	670*560*630mm	700*610*770mm
Net Weight	20kg	26kg
Gross Weight	38kg	58kg

Digester

GDA-10A

GDA-20A

Introduction:

The digester furnace is a precision sample digestion device with accurate temperature control, uniform heating, and excellent corrosion resistance. It uses programmed heating and digestion systems to convert samples into clear, homogeneous liquids for subsequent analysis, making it an essential tool for sample pretreatment in chemical testing.

Features:

* Infrared radiation aluminum conduction heating method, fast heating speed, the temperature difference between the holes is small, and the sample digestion is consistent.
* PID intelligent temperature control algorithm, accurate and stable control, adapt to different sample pretreatment.
* Two heating methods of curve heating and linear heating, 200 groups of digestion programs can be edited and stored, and each group can be set up to 25 segments.
* Temperature and time gradient to meet different experimental needs of users.
* Special anti-corrosion treatment to avoid the corrosion of acidic liquid on the machine.
* 7-inch high resolution LCD display, real-time display temperature curve.
* Overvoltage, overcurrent, overheating and other alarm Settings and leakage protection.
* New ceramic fiber insulation layer and air duct insulation technology.
* Standard digestive tube cooling rack and drip tray, the digestive tube can be cooled quickly.
* Exhaust hood, PTFE sealing cap seal, prevent operators from inhaling harmful gases.

Technical Parameters:

Model	GDA-10A	GDA-20A
Temp. Range	RT+5℃~450℃	
Temp.Accuracy	±1℃	
Capacity	10pcs	20pcs
Digestive Tube	Glass tube 300ml*10	Glass tube 300ml*20
Heating Mode	Infrared radiation aluminum conduction	
Insulation Mode	Ceramic fiber, split air duct insulation	
Display	7-inch high resolution color LCD screen	
Consumption	1.8kW	3.4kW
Power Supply	Standard: 220V±10%, 50/60Hz; Optional: 110V±10%, 50/60Hz	
External Size(W*D*H)	360*390*177mm	480*390*177mm
Package Size(W*D*H)	670*570*650mm	770*670*650mm
Net Weight	21kg	28kg
Gross Weight	39kg	47kg