

## Digital Graphite Digester – QC-GD Series



### 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, 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:

- Both sides of the work table adopts slope design according to the human body engineering
- 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 Specifications:

Model	QC-GD-10A	QC-GD-20A
Temp. Range	RT+5°C ~ 450°C	
Temp. Accuracy	± 1°C	
Sample Capacity	Sample – 10 pcs	Sample – 20 pcs
Digestive Tube Capacity	Pyrex Glass tube 250ml*10	Pyrex Glass tube 250ml*20
Heating Mode	Infrared heating and high purity graphite conduction	
Insulation Mode	Ceramic fiber, split air duct insulation	
Display Size	7-inch-high resolution color LCD screen	
Time	1 – 999 minutes	
Power Consumption	2.0KW	3.5KW
Power Supply	European Standard: 220V± 10%, 50/60Hz	
External Size	37*40*18 cm	49*40*18 cm
Glassware Material	Pyrex Borosilicate 3.3 Materials	
Net Weight	25 KG	30 KG
Package Size	63*51*57 cm	72*62*79 cm

