
GD-52

GD-52, Graphite Digester

Model	GD-52
Temperature range	Room temperature ~480°C
Heating method	Infrared heating & high-purity graphite conduction
Temperature accuracy	±0.5°C (450°C)
Digestion capacity	20 samples can be processed at the same time
Heat insulation material	High-density aluminum silicate
Power supply	220V 50Hz
Power	3.6KW
Size	534mm×540mm×470mm

GD-52 Graphite Digester includes globally advanced high-temperature infrared tube radiation heating technology and microprocessor control platform, boasts accurate temperature control and quick temperature rise, has linear and curve two temperature rise modes, offers 20 digestion programs for the control of temperature rise curves.
The waste gas recycle system is able to absorb acidic smog and other harmful gases. It has graceful appearance, large LCD screen, diversified user-oriented automatic designs, ensures safe & reliable use, simple operation, ideal for high-temperature digestion.
It's mainly used for the digestion of samples of soil, feeds, plants, seeds and ores prior to chemical analysis in such fields as food, medicine, agriculture, forestry, environmental protection, chemical engineering, ecological industry, as well as universities & scientific research institutes.

Characteristics:

- Heating method: Graphite module is infrared heated, offering uniform heating, preventing heat loss to the maximum extent.
- Smaller average temperature difference inside furnace, consistent sample digestion effect and high heat transfer efficiency.
- Control method: Intelligent microprocessor offers 20 digestion programs, can set temperature and time gradient.
- Temperature control method: Program control, curve & linear temp. rises.
- Displaying system: Large LCD touch screen.
- Multiple protections against over-voltage, over-current, overheating, and so on.
- Historic information query function is available.
- Anti-corrosive technique is used in the whole body.
- Comfortable and free lifting and over-temperature alarming.
- Power is adjustable according to the setting method.


GD-22

Tube Holder

GD-22, Graphite Digester

Model	GD-22
Temperature range	Room temperature ~450°C
Heating method	Infrared heating & high-purity graphite conduction
Temperature accuracy	±1°C
Digestion tube capacity	280ml
Processing capacity	20pcs
Heat insulation	High-density aluminum silicate
Power supply	220V 50Hz
Power	3.6KW
Size	534mm×453mm×218mm

GD-22 Graphite Digester includes globally advanced technology, features quick digestion, high efficiency and easy for use, etc., is widely used in such fields as food, medicine, agriculture, forestry, environmental protection, chemical engineering, biochemistry, as well as universities, research departments and so on, for sample digestion prior to the chemical analysis of soil, feed, plants, seeds, minerals etc., suitable for matching DIST-984 analyzer.

Characteristics:

- Continuously adjustable furnace temp., constant temperature control and simple operation.
- Smaller average temperature difference inside furnace, consistent sample digestion effect and high heat transfer efficiency.
- Its chamber is made of stainless steel, enjoying excellent corrosion resistance.
- The use of anti-corrosive parts enhances its service life.
- It enjoys multiple protections against over-voltage, over current, overheating, and so on.
- The sample is given uniform heating, to prevent heat loss to the maximum extent.
- Superior heater ensures temperature uniformity among the digestion holes.
- Double-casing design offer double insulations i.e. air and aluminum silicate thermal insulating layers.

Optional accessories:

- WGCH-02 waste gas collection hood.
- Connect the digester to the waste discharger for the removal of acidic gases.


WGCH-02

WGCH-02 characteristics:

- Full stainless steel casing.
- PTFE and FPM anti-corrosive materials are used for the connection parts, greatly increase its service life.
- U.S. Dupont FPM seal rings are used for sealing joints, offering high flexibility and corrosion resistance, excellent air-tightness, can minimize exhaust gas leakage.