

Heavy Metal Digester



GDA-30

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:

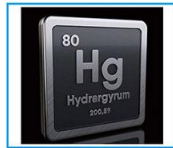
According to the experimental needs, can choose PTFE and silica glass two kinds of test tube, fully expand the user digestion acid range. Suitable for food, medicine, agriculture, forestry, environmental protection, chemical, biochemical and other industries as well as universities, scientific research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



Soil



Ore



Heavy Metal



Feed

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 50ml (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