DS-360-56X

Intelligent Graphite Digestion System

The Intelligent Graphite Digestion System utilizes high-purity graphite as the heating element with enclosed heating, increasing efficiency and enhancing temperature uniformity. The system's porous design allows for easy batch processing of samples, making it an ideal companion for sample digestion.



Sample Processing, Intelligent Digestion

Product Parameters

Number of digestion holes	56
Temperature control range	Room temperature~230℃
Temperature control precision	±0.2℃
Control mode	Line Control
Temperature measurement methods	Built-in temperature measurement, optional external measurement
Heating material	Graphite + Teflon coating
Instrument tabletop	PTFE panel
Periphery of the machine	Engineering plastics

Product features

Remote line control, flexible placement

The remote line control allows for flexible placement by enabling external control and ventilation of the fume hood.

Balanced and enveloping heating for higher digestion efficiency

High-purity graphite provides excellent thermal conductivity, ensuring uniform heat distribution to all samples and eliminating heating blind spots. The three-dimensional enveloping heating design minimizes heat loss, resulting in higher efficiency compared to electric heating plates.

Porous design for significantly higher processing capacity than microwave digestion

Batch processing greatly reduces overall processing time. The standard configuration includes 56 digestion holes, capable of handling up to 5600ml of liquid samples at once. Customizations are available with 72, 89, or 110 digestion holes, providing processing capacity that of microwave digestion. The atmospheric digestion system offers enhanced safety and efficiency.

High-quality craftsmanship for easy maintenance and operation

The graphite body is coated with Teflon for easy cleaning and corrosion resistance. The entire peripheral of the machine is made of polytetrafluoro-ethylene (PTFE), ensuring its suitability for use in harsh environments such as strong acids and alkalis.

Android system for a stylish and powerful user experience

Equipped with an advanced expert PID temperature control system and unique visual monitoring, users can view all the parameters of the digestion process, including digestion time, holding time, and current temperature, through the clear PDA interface. Users can also customize and save digestion methods according to different samples.

Accurate sample temperature measurements

An optional external temperature probe ensures precise measurement of the sample's actual temperature, resulting in more precise and thorough digestion.



WeChat

Official website

Grand Analytical Instrument Co.,Ltd.

Address: 5th Floor, Building 4, No.2 Keyan Road, Economic and Technological Development Zone, Guangzhou City.

Tel: 86 020-87684303

Email: info@gdana.com

Website: www.gdana.com

GDANA ROGETSCIENTIFIC