

STALWART

Heavy Metal Digestor SMD-230



Discription

SMD-230 Heavy Metal Digestor, with the advantages of rapid disintegration, high efficiency, convenience and large processing capacity, is suitable for food, medicine, agriculture, forestry, environmental protection, chemical, biochemical and other industries, as well as higher education institutions, scientific research departments on soil, feed, food, ore, etc.

It is suitable for use with atomic absorption, atomic fluorescence, ICP-AES and other analytical instruments.

Features

- The temperature inside the furnace is continuously adjustable, the temperature of the controlled point is constant, the heat transfer efficiency is high, and the instrument is easy to operate.
- The Teflon coating can effectively prevent the corrosion of the instrument by the acid and acid gas generated during the digestion process.
- Deflector tank design prevents acid from splashing into the circuit during the experiment
- Over-voltage, over-current, overheating and other multiple protections for the whole machine
- Embedded software temperature control technology, precise, stable and uniform temperature control, small average temperature difference in the furnace, good consistency of sample digestion
- Intelligent monitoring of the working status of each heating unit, real-time control of instrument operation
- Eco-friendly fiber and air duct insulation for better insulation
- Teflon and borosilicate glass test tubes are available
- Surrounding three-dimensional heating, so that all parts of the sample are evenly heated, to prevent the maximum extent of heat dissipation
- Real-time human-machine dialogue, experiment time to cut off the output
- Graphite blocks are treated with special anti-oxidation technology to prolong the service life, and the temperature is more uniform between the holes.

Specification

Model	SMD-230
Temperature control range	Room temperature +5°C ~ 450°C
Temperature control accuracy	±0.1°C
Heating method	Infrared heating and high purity graphite conduction
Thermal insulation	Eco-friendly fiber and air duct insulation
Anti-corrosion on the upper surface of the housing	Part stainless steel Part Teflon
Digestion tube	Glass tube with scale 50mL (full capacity 100mL) PTFE tube without scale (full capacity 70mL)
Processing Capacity	30pcs/lot
Power supply	220V AC±10% 50Hz
Power Rating	3.6KW
Dimension (L×W×H)	515mm421mmX211mm
Net weight	22Kg