

CROP QUALITY INSTRUMENT

Thermostatic Heating Digestion Furnace

Model: KDN-D /S series

Digestion furnace is the equipment which is based on principles developed by classical wet digestion with different sample digestion. Mainly used for agriculture, forestry, environmental protection, geology petroleum, chemical, food and other departments as well as universities, research departments of plants, seed, feed, soil, ore samples for chemical analysis. It is used with Kjeldahl distillation Analyzer.

● Characteristics

- ▲ Aluminum heating module using zinc-aluminum alloy finish is made with a uniform temperature distribution
- ▲ Furnace holes' temperature is continuously adjustable aperture, small temperature difference between the holes, sample digestion consistency, high thermal efficiency
- ▲ With the new generation of PLC Intelligent LCD temperature control device.
- ▲ LCD temperature control device adopted: time off, alarm system, PID intelligent control, high precision of temperature control, small temperature conflict and temperature-programmed



● Specification

Name of Section	Model	Model	Model	Model	Model
	KDN-10D	KDN-15D	KDN-20D	KDN-15S	KDN-20S
Sample Holes	10	15	20	15	20
Aperture	Φ43.5 (applicable to Φ42, Φ40 tube)				
Heating module material	Aluminum alloy			graphite	
Design Temperature	450℃			650℃	
Temperature control instrumentation	PLC				
Temperature accuracy	±1℃				
Heating rate	≈3--15℃/min				
Operating Voltage	AC220V/50Hz				
heating power	2KW	2.6KW	3.6KW	2.6KW	4KW
Options	Cooling Stent			Cooling Rack	