

## DW-KDN-D Series

# Digital Display Program Temperature Control Digestion Furnace

DW-KDN-D series digital display temperature control digestion furnace is designed for users who need to digest Kjeldahl nitrogen samples in batches, and can digest multiple samples at the same time. This device is simple, high digestion efficiency, ideal measurement results, easy to use and maintenance, is an ideal digestion device for users.

### Features

1. The heating method adopts infrared quartz tube, strong acid and alkali resistance, anti-burst, long life;
2. Temperature control using a new generation of digital display temperature control instrument, control temperature constant, easy to operate;
3. Small temperature deviation between furnace holes, good consistency of sample digestion, high thermal efficiency (The heating speed is fast and the sample digestion time is short.)
4. The instrument is made of stainless steel plate material, anti-corrosion;
5. Each group can be customized to set 30 sections of temperature and time gradient, can be set step temperature rise or linear temperature rise, timing alarm function, to meet customers' different experimental needs;
6. Sewage sealing ring using PTFE material, strong acid and alkali resistance, sealing effect is good, enhance the overall service life of the instrument;
7. There is an observation port, which can be opened at any time to check the digestive state of the sample.

### Technical Parameters

1. Can digest 4/8/12/20 samples at the same time, digestive tube capacity 300ml;
2. Temperature control range: room temperature ~550°C;
3. Temperature control accuracy:  $\pm 1^\circ\text{C}$ ;
4. Digestion time: 1 min-120 min; 5, heating speed: 50°C/min;
6. Time setting range: 0-9999min; Timing error: < 1%.
7. Rated power :1500W;
8. Power supply: 220V/50Hz;
9. Overall size (length \* width \* height) : 650\*310\*200mm;



Name	Model	Specification	Power Rating	Power
DW-KDN-D Series Digital display program temperature-controllable digestion furnace	DW-KDN-04D	4 samples of each lot	1000W	220V, 5A
	DW-KDN-08D	8 samples of each lot	1500W	220V, 10A
	DW-KDN-12D	12 samples of each lot	2000W	220V, 10A
	DW-KDN-20D	20 samples of each lot	3000W	220V, 16A