

## YKHGK-20N Digestion furnace



## YKHGK-20N infrared digestion furnace - product parameters and features:

1. Adopt touch screen LCD display, friendly Chinese and English software, question-and-answer operation. The screen displays the heating curve, insulation time, digestion time, and real-time power consumption.
2. Can set: heating speed, target temperature, timing.
3. ★Heating adopts closed vacuum quartz tube radiation, small thermal inertia, fast heating. Resistant to concentrated sulfuric acid, long life, and eliminates the corrosion of exposed resistance wire.
4. ★The unique design of the digestion furnace cavity has been applied for an appearance patent. The digestion tube has a large heating area and a small temperature difference between the digestion tubes. The digestion speed is more than 20% higher than that of similar digestion furnaces. It is an energy-saving and efficient digestion furnace. Greatly reduce the phenomenon of sample wall hanging. When the insulation is 400 degrees, the power consumption is about 40% of the rated power.
5. The instrument has overvoltage, overcurrent protection and leakage protection.
6. Adopt double switches, power supply and heating are separately controlled and separated, so that there will be no heating when setting parameters.



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7. The instrument has a stainless steel sewage cover to allow harmful gases to escape from the digestive tube and be discharged from the water into the sewer through the sewage pipe and the suction pump, effectively inhibiting the escape of harmful gases.
- 8.★ Control mode: 32-bit single-chip PID control, LCD touch display
- 9.★ Heating method: carbon fiber heating, vacuum quartz radiation
10. Number of furnace holes: 20 holes
11. Temperature control range: room temperature-550℃
12. Heating speed: 20 minutes (room temperature-400℃ no-load)
- 13: Temperature fluctuation: ±1℃
14. Voltage: AC220V±22V Rated power: 2000W Digestive tube size  $\phi 42*300\text{mm}^2$