

DRYING OVEN

LABORATORY
INCUBATOR

MUFFLE FURNACE

WATER DISTILLER

WATER BATH
& OIL BATH

HEATING MANTLE

STIRRER

MIXER & SHAKER

HEATING PLATE &
SAND BATH

DIGESTION APPARATUS
& METAL BATH

NITROGEN SAMPLE
CONCENTRATOR

CLEAN BENCH

STERILIZER

VACUUM PUMP

FILTRATION

GRINDER

COLONY COUNTER

DRYER

CENTRIFUGE

ELECTRIC FURNACE

LIFTING TABLE

LABORATORY
CONSUMABLE

Graphite Heating Plate



WIDELY APPLICABLE

Suitable for industrial and mining enterprises, medical health, environmental protection, biochemistry, scientific research and other units to do chemical analysis, physical determination, heat treatment and other articles baking, drying, digestion, acid and other experiments.



Characteristics:

- Using a new heating method, the heating body uses isostatic pressure and high purity graphite with superior thermal conductivity, which can ensure the temperature uniformity between each point, and the temperature difference between samples is less than $\pm 1.5\text{ }^{\circ}\text{C}$.
- Temperature control accurate PID parameter self-test, can adjust the heating rate, temperature control accuracy $\pm 0.1\text{ }^{\circ}\text{C}$, each point temperature fluctuation $\pm 1.0\text{ }^{\circ}\text{C}$.
- Energy-saving and efficient double shell design, air insulation layer and aluminum silicate insulation double insulation effect, more energy saving. The large heating panel can solve the problem of processing multiple samples at a time in the laboratory.
- Anticorrosive treatment graphite thermal conductivity material, surface Teflon spray resistant to strong acid and alkali corrosion. The instrument adopts all stainless steel separate design to ensure the normal operation of the instrument in the acid environment.

Major Technical Parameters:

Model	SM-1	SM-1.5	SM-2	SM-3
Temperature control range ($^{\circ}\text{C}$)	RT+10~450			
Temperature control accuracy ($^{\circ}\text{C}$)	± 0.1			
Temperature difference between samples($^{\circ}\text{C}$)	$< \pm 1.5\text{ }^{\circ}\text{C}$			
Temperature fluctuation	$\pm 1.0\text{ }^{\circ}\text{C}$			
Heater	Graphite			
Material of outershell for controller	Stainless steel			
Voltage	110/220V			
Power (KW)	1.7	2.7	3.6	5.4
Panel size (L*W) (mm)	300*200	400*280	450*350	600*400
Overall dimensions (L*W*H) (mm)	300*200*140	400*280*141	450*350*140	600*400*141
Controller size ((L*W*H)) (mm)	260*260*120			
Controller	PID control			