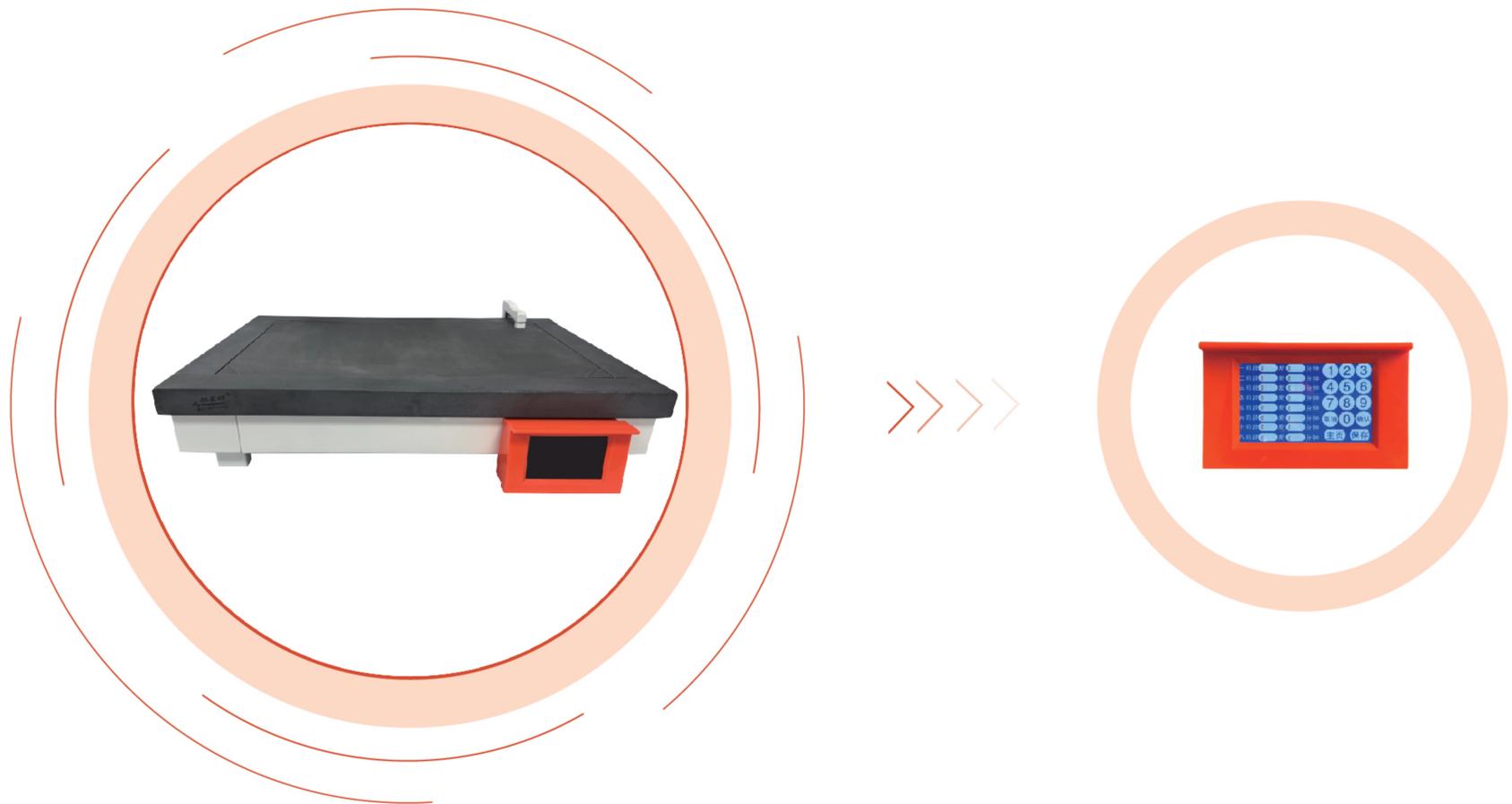


■ Usage

Our products are widely used for sample baking, drying and sample digestion test, is a necessary tool for geological, metallurgical, environmental protection, agriculture, grain and cooking oil, forestry, food, medical and health, biochemical and other laboratories, as well as teaching and research. Sample digestion before chemical analysis of soil, feed, plants, seeds, heavy metals, ore. It is an ideal equipment of sample preparation for analytical instruments such as AA, ICP, ICP-MS, and atomic fluorescence. It can also be used for pretreatment and acid removal treatment of microwave digestion.



■ Main Features

High temperature resistance

Peak temperature on surface plate is 350°C

Corrosion resistance

Resist all kinds of acids: H₂SO₄, HCl, HNO₃, HF, HClO₄, aqua regia etc. Resist alkali and all kinds of corrosive gases.

Fast temperature rising

The time from ambient temperature to peak temperature >40min. The mean value is 6.9 seconds/°C.

Surface temperature testing

Displayed temperature is actual temperature of plate surface (working temperature).

Temperature uniformity

The temperature difference of each point on the plate surface >±2°C. Homogeneous batches of samples (dozens of beakers) can reach boiling point at the same time.

Accurate temperature control

Unique touchscreen design, on-demand temperature adjustment with PID regulation, temperature control accuracy: ±0.5°C

No pollution

The plate hardness: Mohs 8. Density 3.02, no scratches, no dropping slags.

Two heating zones

A main heating zone, peak temperature: 350°C
B secondary heating zone, peak temperature: 210°C

Shell material

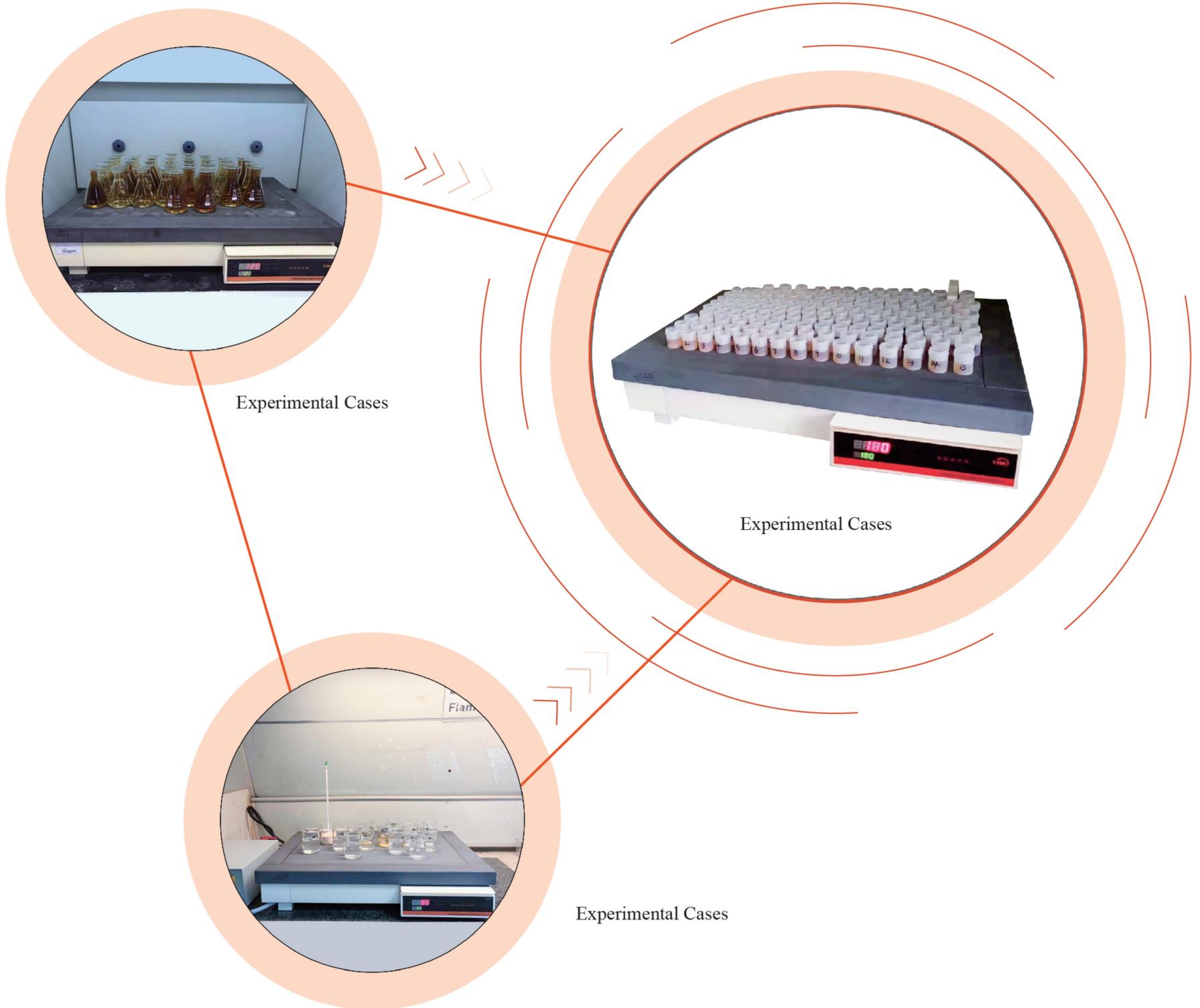
High-quality ABS plastic wrapped frame.

Safety

Multi layers insulation protection. In case of equipment failure, it will sound the alarm and stop working immediately.

Reuse

It can be reused as long as the plate system is not damaged.



■ Product Parameters

Model	SD46-1	SD34-1
Input Voltage (V)	220	220
Power (W)	4000	2200
Operating Current (A)	18	10
Peak Temperature (°C)	350	350
Temperature Control Accuracy (°C)	±0.5	±0.5
Temperature Control Method	PID	PID
Main Heating Zone Dimensions (mm)	595 × 385	390 × 298
Auxiliary Heating Zone Dimensions (mm)	400 × 60 × 2 + 710 × 60 × 2	300 × 60 × 2 + 510 × 60 × 2
Furnace Dimensions (L × W × H) (mm)	710 × 640 × 140	525 × 560 × 140
Control Box Dimensions (L × W × H) (mm)	220 × 420 × 145	
Weight (KG)	46	27

■ Main Features

Surface temperature testing

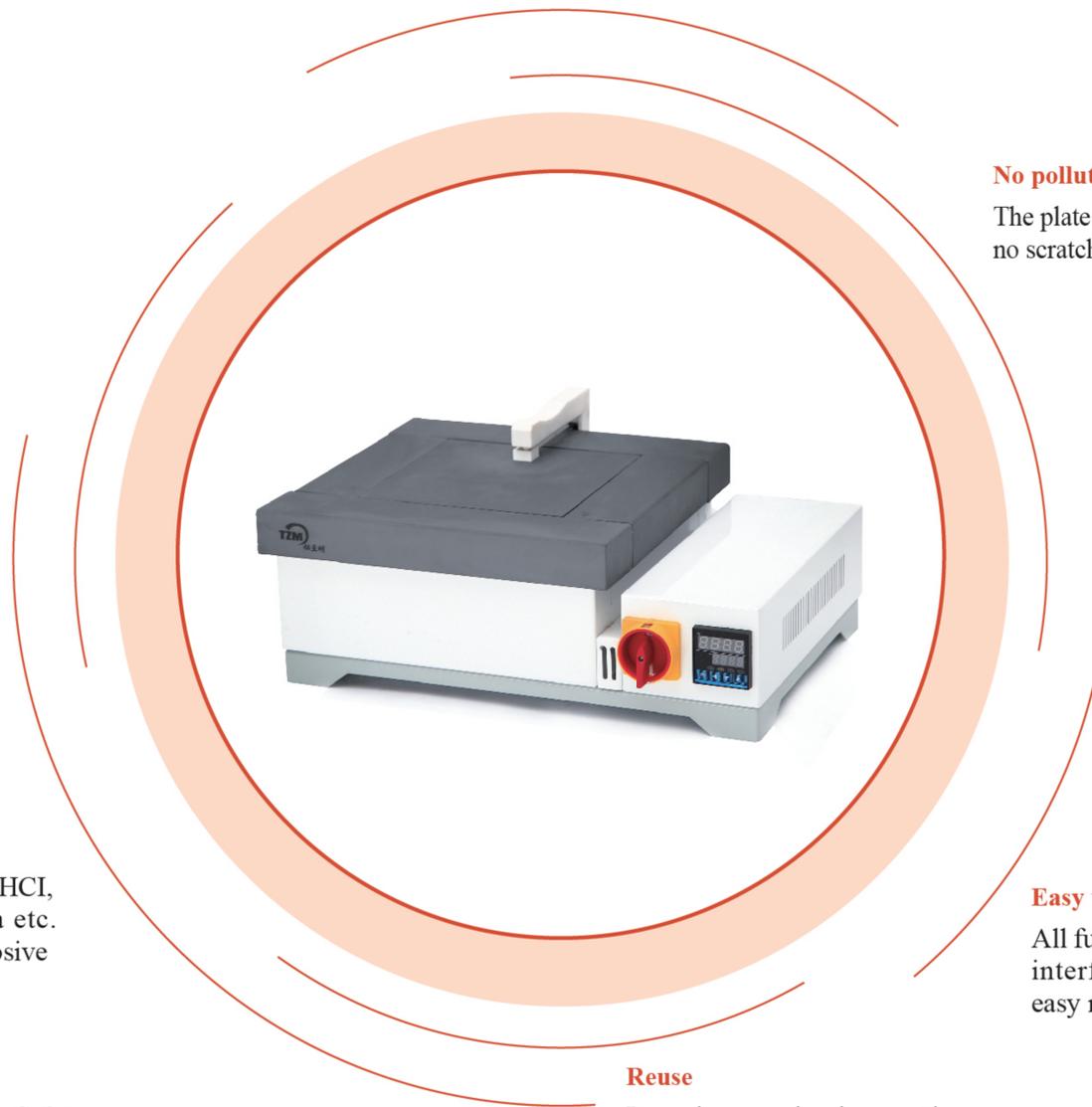
Displayed temperature is actual temperature of plate surface (working temperature).

High temperature resistance

Peak temperature on surface plate is 500°C

Corrosion resistance

Resist all kinds of acids: H₂SO₄, HCl, HNO₃, HF, HClO₄, aqua regia etc. Resist alkali and all kinds of corrosive gases.



No pollution

The plate hardness: Mohs 8. Density 3.02, no scratches, no dropping slags.

Fast temperature rising

The time from ambient temperature to peak temperature > 30min.

Easy to operate

All functional controls and display interfaces are positioned within easy reach of the experimenter.

Safety

Multi layers insulation protection. In case of equipment failure, it will stop working immediately.

Reuse

It can be reused as long as the plate system is not damaged.

■ Usage

Our products are widely used for sample baking, drying and sample digestion test, is a necessary tool for geological, metallurgical, environmental protection, agriculture, grain and cooking oil, forestry, food, medical and health, biochemical and other laboratories, as well as teaching and research. Sample digestion before chemical analysis of soil, feed, plants, seeds, heavy metals, ore. It is an ideal equipment of sample preparation for analytical instruments such as AA, ICP, ICP-MS, and atomic fluorescence. It can also be used for pretreatment and acid removal treatment of microwave digestion.

■ Product Parameters

Model	SD22-1
Input Voltage (V)	220
Power (W)	1500
Operating Current (A)	7
Peak Temperature (°C)	500
Temperature Control Accuracy (°C)	± 0.5
Temperature Control Method	± 2
Main Heating Zone Dimensions (mm)	PID
Main Heating Zone Dimensions (mm)	200 × 200
Auxiliary Heating Zone Dimensions (mm)	320 × 60 × 2 + 200 × 60 × 2
Overall Dimensions (L × W × H) (mm)	440 × 320 × 140
Weight (KG)	13