

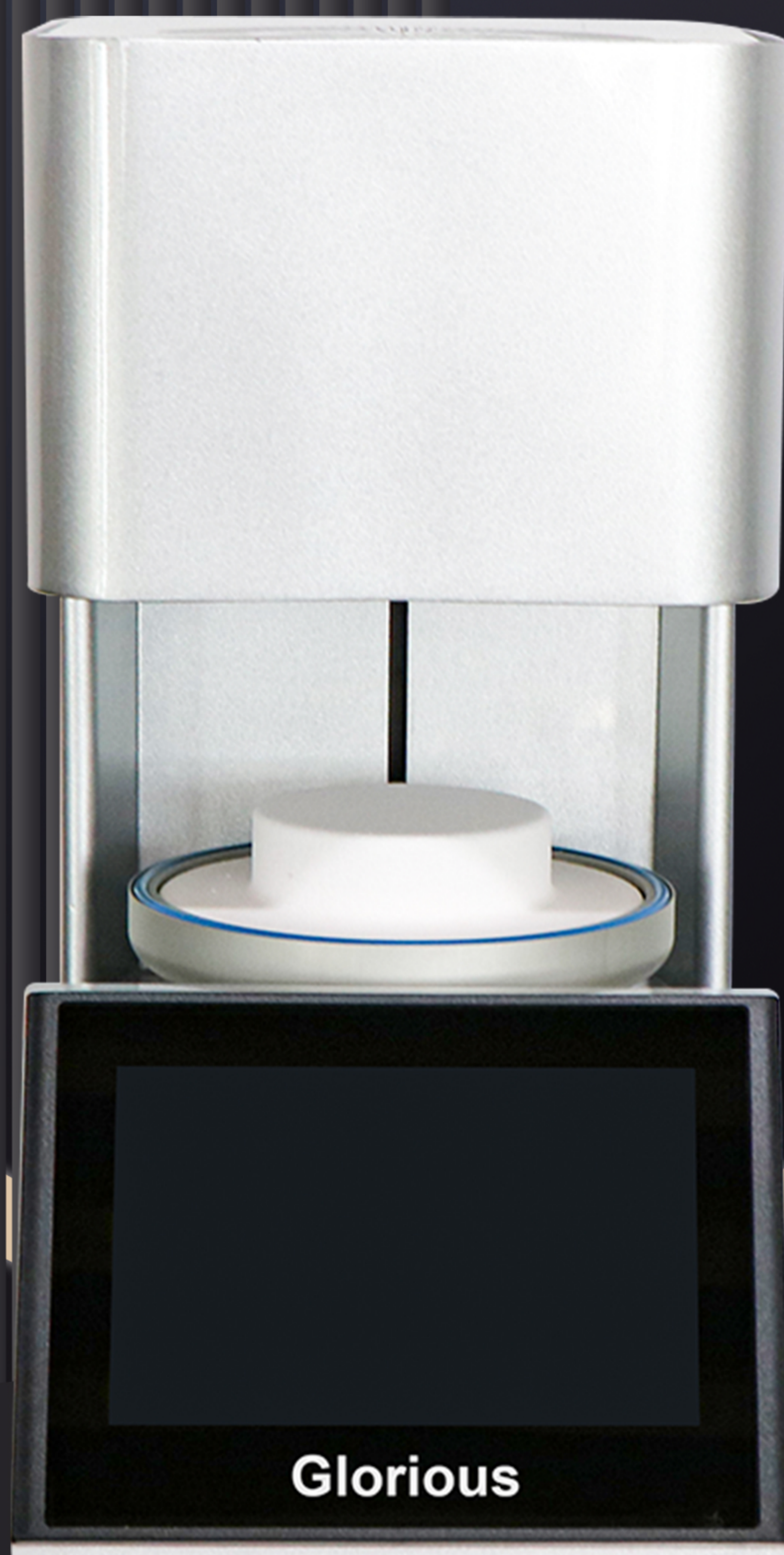
**The Reliable Sintering Expert: 5S2**

Smart Operating System

# Porcelain Furnace

Net weight is only 10.5kg

The lightest single and double curve porcelain furnace



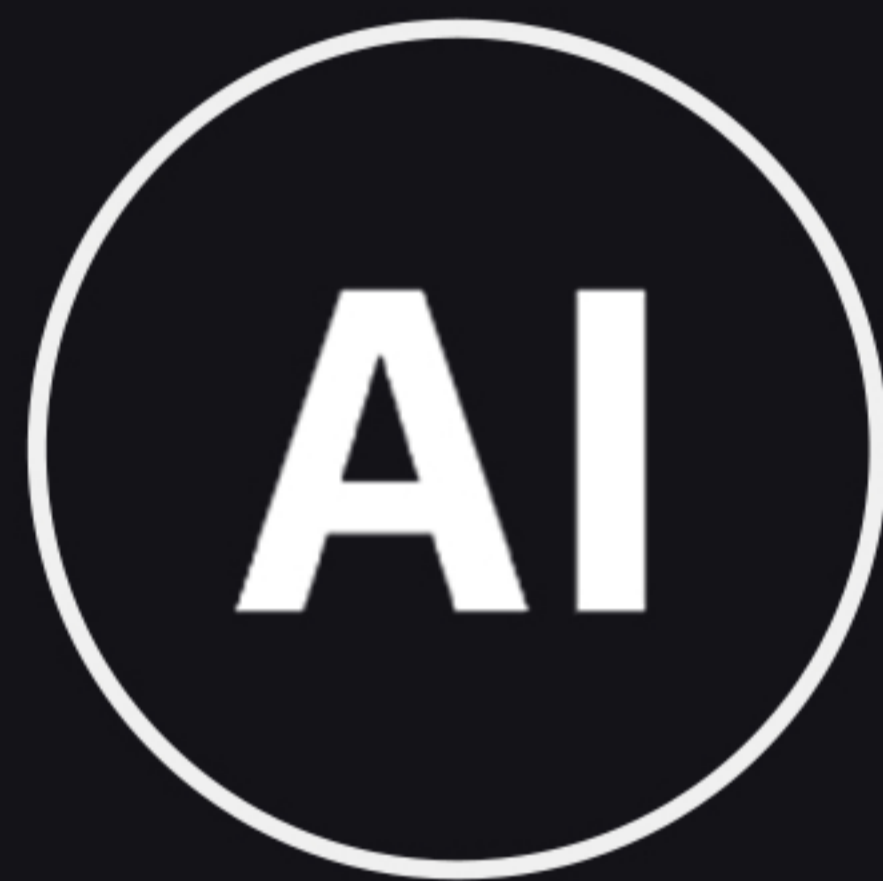
# Intelligent PID $\pm 0.5^{\circ}\text{C}$ Temperature Control

## Product advantages



### Single and double curve porcelain furnace

Programs P1-P25 are in single curve mode; P26-P28 are in hyperbolic mode, which provides a complete crystallization process for glass ceramic crystallization.



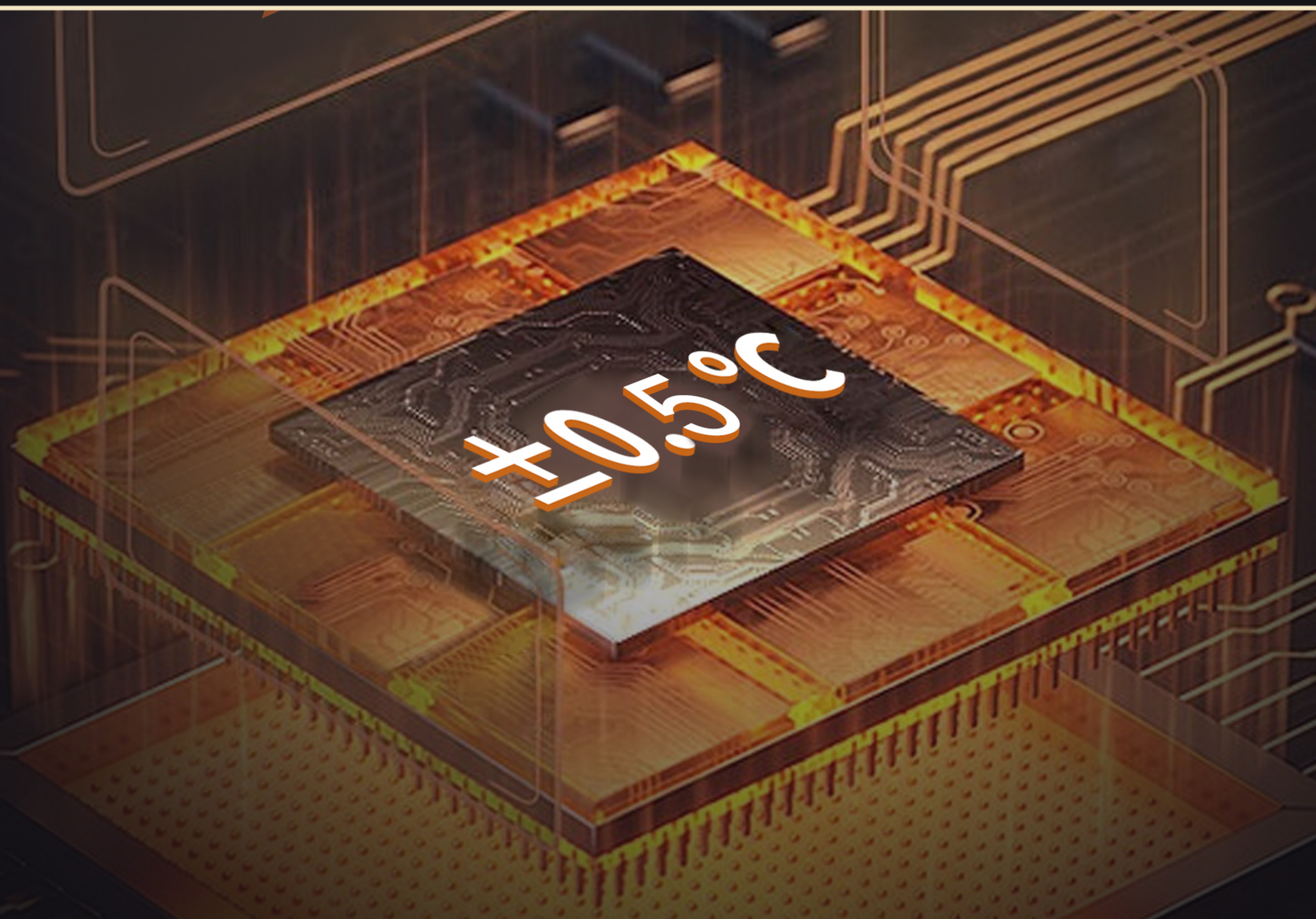
### AI Temperature Control

High-precision AI temperature adjustment function ensures that the actual temperature error is within  $\pm 0.5^{\circ}$ .



### Uniformity And Stability

Quartz spiral furnace, German densely wound furnace wire technology, fundamentally ensures the uniformity and long-term stability of the temperature field



「30 custom programs」

# Built-in programs

Precise temperature control induction ensures that the sintered zirconia product has a **natural, transparent** color and accurate color.



**Vacuum pressure maintaining function**  
value 85-102% can be set,  
(set to 102% for vacuum pump  
to start all the time)



**Touch Screen**  
Easy and convenient  
operation

**Heating rate**  
Maximum 110 degrees  
Celsius/minute



**Maximum temperature**  
Maximum 1200 degrees Celsius  
(2283 degrees Fahrenheit)

**Special Material**  
It is not easy to break during high  
temperature rise and fall



**Maximum temperature  
holding time**  
Up to 60 minutes

## Sample Display



### Efficient temperature control

Ensures perfect integration of porcelain material and tooth base



### Simple operation

Humanized operation interface, easy to understand



### Application

Can be used to make porcelain teeth, repair tooth wear, etc.



### Uniform heating

Avoid deformation or cracking of porcelain materials caused by uneven temperature



### High temperature resistance

Reduce heat loss and improve energy utilization



### Safety

Multiple safety protection measures

## Parameter intelligent module:

The lightest single and double curve porcelain furnace on the market.

P1-P25 program is single curve mode; P26-P28 is double curve mode, which provides a complete crystallization process for glass ceramic crystallization.

7-inch capacitive operation screen is as smooth as using a mobile phone. The minimalist operating system is quickly familiar with use.

High-precision linear guide rail, smooth free operation and no jitter.

Quartz spiral furnace, German densely wound furnace wire technology, fundamentally ensures the uniformity and long-term stability of the temperature field.

Vacuum pressure holding function, vacuum value 85-102% can be set, (set 102% for the vacuum pump to start all the time)

## Product Parameter

Equipment weight:	10.5KG	Furnace size:	Φ86mm
Voltage:	220V	Equipment size:	310*205*400mm
Power:	1.5KW	Maximum temperature:	1200°C
Heating rate:	1°C-110°C/min	Maximum temperature	Up to 60 minutes
Furnace structure:	Pallet lifting	holding time:	
Vacuum degree:	85%-102%	Language options:	Chinese/English
Packing weight:	28Kg (including vacuum pump 5kg)		
Temperature control accuracy:	Precise temperature control 0.5°C		