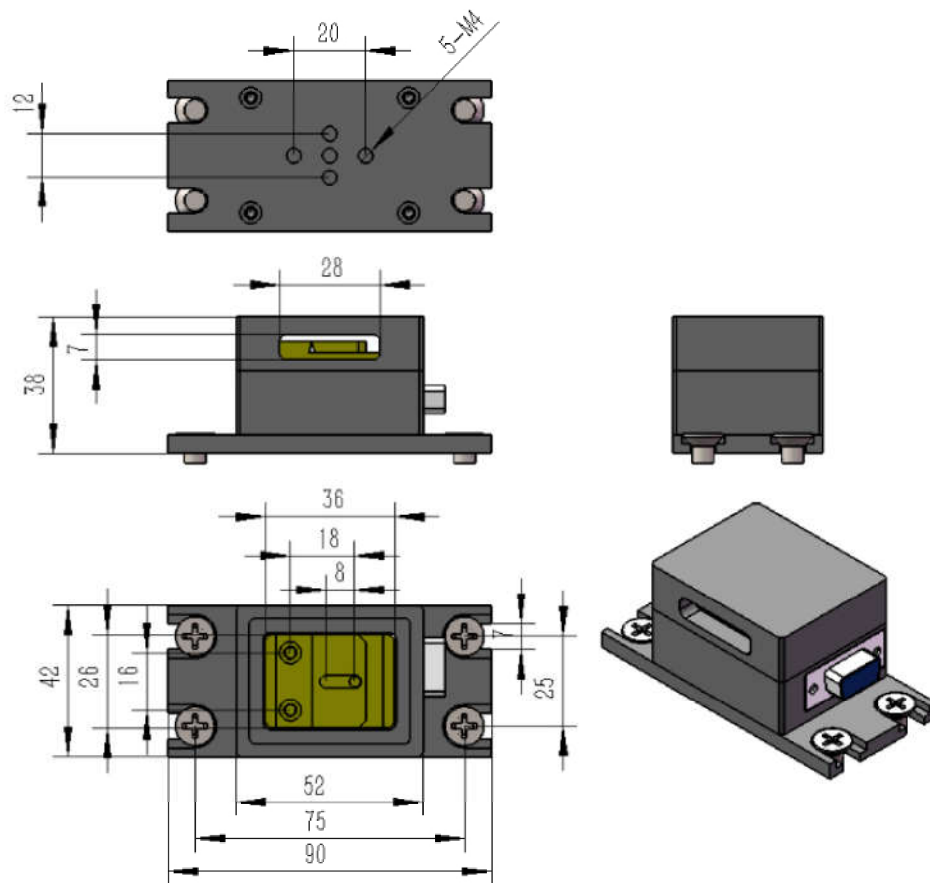# Oven & Temperature Specification

Introduction

We provide oven and temperature controller for heating the crystal and controlling its temperature to a certain value.

Specifications

Temperature Controller	Oven

• Purpose ASIC processor
• PID control
• RS-232 interface (optional)
• Programmable (optional)
• Stability: ±0.1°C/±0.01°C
• Size:70×145×150mm^3
• Normal Package Standard
• Voltage: 220V AC
	• Design: Radioactive heat compensation
	• Plane temperature distribution
	• Size: 38×42×90mm^3
	        38×54×112mm^3
	        33×70×110mm^3
	• Sensor: Pt100 thermocouple
	• Working temperature: ≤100°C/≤200°C

Temperature Controller

Oven

Applications:

Heating nonlinear crystals is usually employed in NCPM, OPO, OPA, etc.

Note:

1、 Please confirm it when order and check it before plug in the power. Burned and other damages, which caused by improper power selection, are not guaranteed to repair.

2 、 Special oven size, holder of crystals and right-angle support setting applications are available upon request.

Operation description:

1. Connect "AC220V" power line and " 6 PIN with D89" splice to the temperature control furnace.

2. The electric power will come when you push "switch" to "—", after that the screen will display "N: 25.0℃" and "S:25.0℃ ", the "N" and "S" represent the present temperature and the setting temperature respectively.

3. Press the "set" button once, the cursor will be on hundreds of temperature numbers, you can set this number, with "Add" button you can increase the setting temperature, with "Sub" button you can decrease it.

4. Press the "set" button twice, you can set the tens of temperature numbers.

5. Press the "set" three times,you can set the single digit of temperature numbers.

6. Press the "set" four times , the temperature control furnace start to work.