

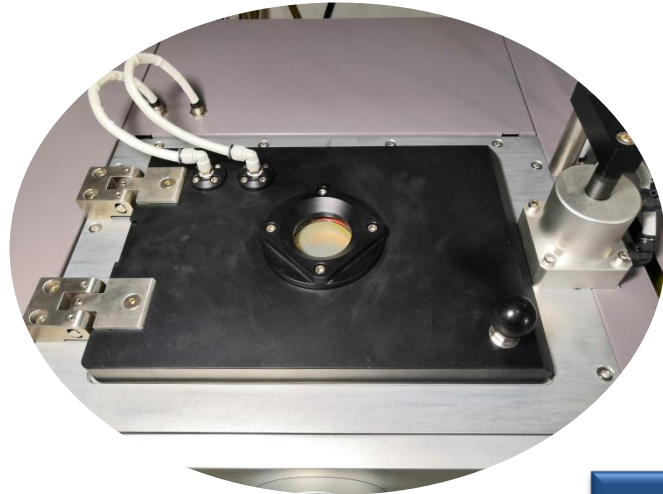
# VACUUM INDUCTION MELTING FURNACE



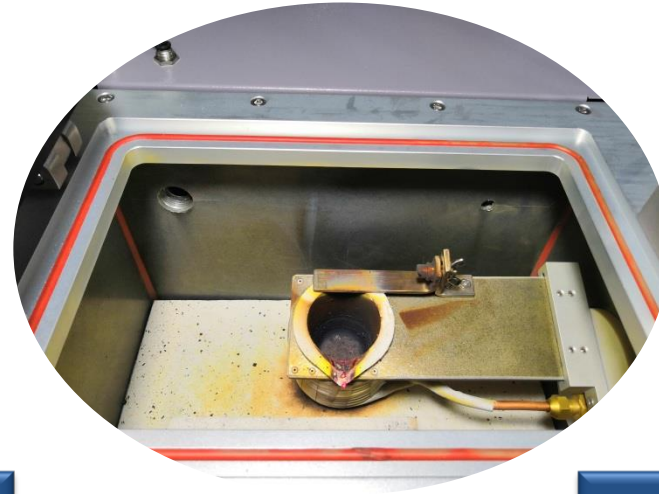
# Details



# Details



Observation window



Melting chamber

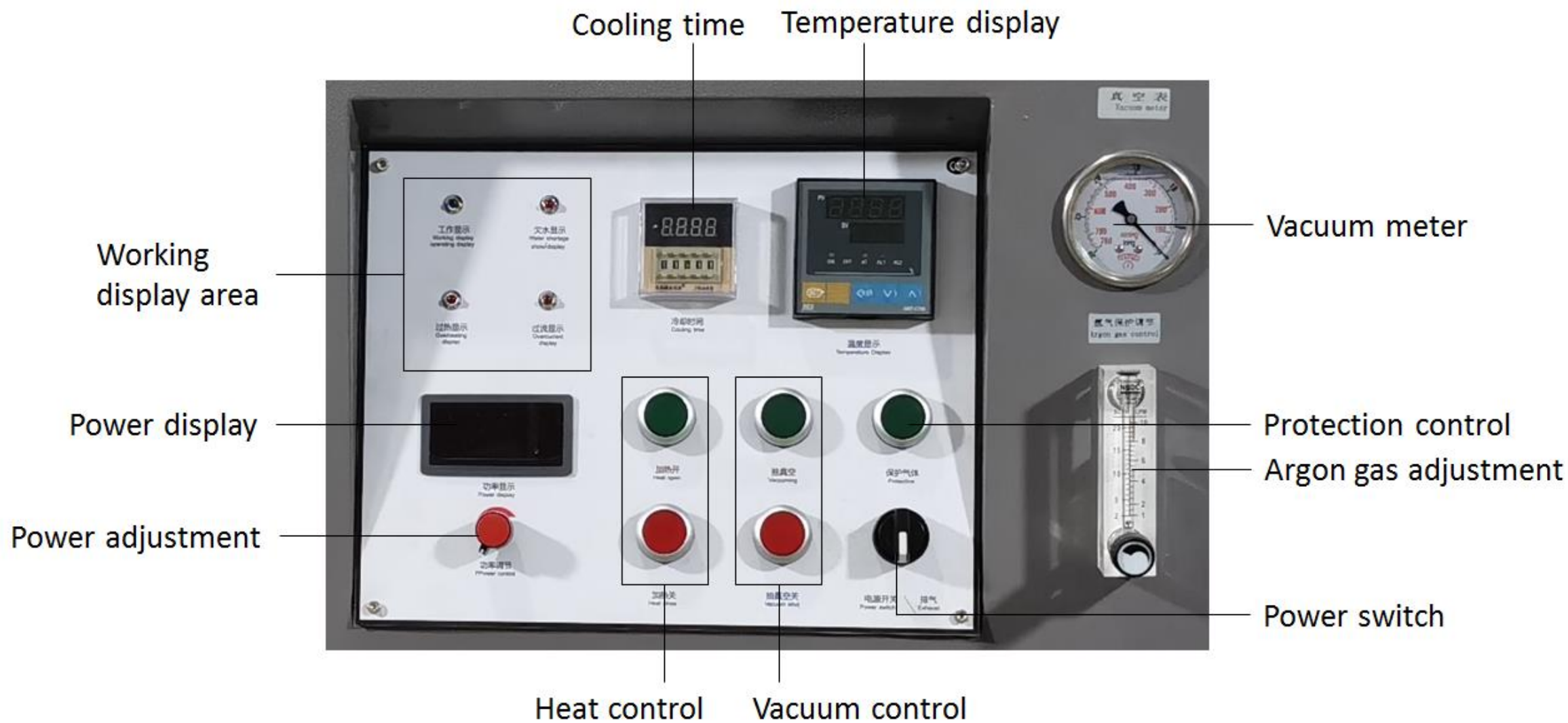


Operation panel



Water cooling

# Operation panel



# Parameter

<b>Model number</b>	<b>CDO-VTF15</b>
<b>Power source</b>	3 phase 380V, 50/60Hz
<b>Power</b>	15 kw
<b>Applicable metal</b>	Gold, Silver, Platinum, Palladium, and their alloys
<b>Melting time</b>	7-10 minutes
<b>Max capacity</b>	Palladium: 2 kg Gold: 3 kg Silver: 1.6 kg
<b>Max temperature</b>	2600°C
<b>Water cooling requirement</b>	≥0.3Mpa, flow rate≥20L/min, ≤45°C
<b>Dimension</b>	690*1200*1100mm
<b>Weight</b>	220 kg
<b>Heating technology</b>	Induction heating

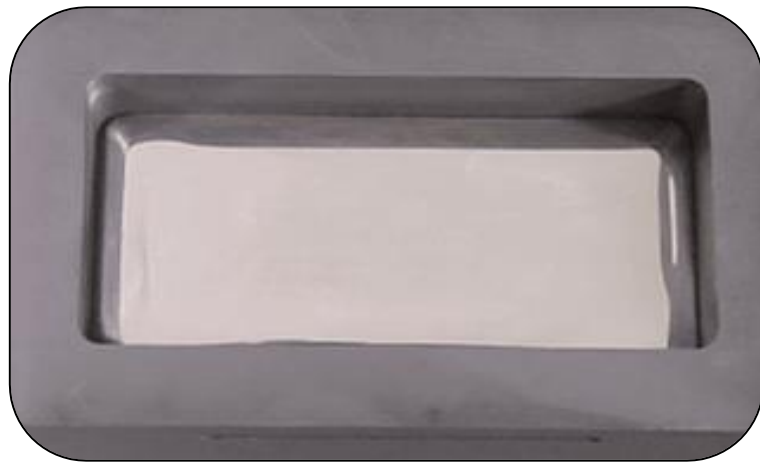
# Features

- 1: Integrated design, smelting power supply and furnace body are designed together, to one ,thus the whole equipment is small in size and do not occupying space
- 2: Optional program heating and temperature control which can set the heating or cooling curve according to your process requirements, and the vacuum melting furnace will automatically heat or cool according to this process
- 3: comes With pouring device, you can pour the melted sample into the ingot mold which is prepared in advance, and pour out the sample shape you want
- 4: This vacuum induction melting furnace can be smelted in a variety of atmospheres: smelting in air, protective atmosphere and high vacuum. Adopt one device to achieve multiple functions which can greatest saves your cost.
- 5: Optional secondary feeding system: it can add other elements in the melting process, which is convenient for you to prepare diversified samples



# Application

Vacuum casting bars are with flat and shiny surface, no air hole and high density



Normal casting bars are irregular, severe oxydized with air hole

