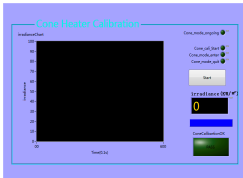
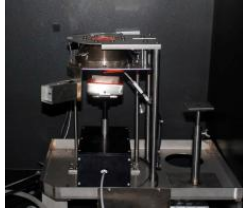
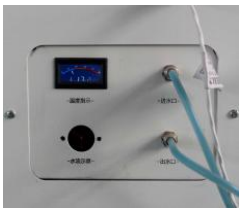


## ASTM E662 Smoke Box (Smoke Density Chamber)



Photos are for reference only

### Product Introduction

When the thickness of the test sample was placed in a certain heat  $25\text{KW}/\text{m}^2$ , or cabinets open flames, smoke density chamber can measure their smoke density. The instrument applies to ASTM E 662, BS6401, ISO 5659, NES 711, NEPA 258 etc. Use the cone radiation furnace which in the ISO 5659, the user can arbitrarily adjust the heating condition by  $10\text{kw}/\text{m}^2$  to  $50\text{kw}/\text{m}^2$ . The test is increasingly being used in vehicle interior materials and other low-power, non-flammable cables tests.

### Standard

ASTM E 662: Standard test method for specific optical density of smoke generated by solid materials (The radiation cone is optional)

BSI 6401: British Test Standard for specific smoke density index

ISO 5659-2: Plastics-Smoke generation-Part2: Determination of optical density by a single-chamber test

NES 711: Determination Of The Smoke Index Of The Products Of Combustion From Small Specimens Of Materials

### Features

- Integrated design, 19" analysis and control panel number
- 19" industrial computer full control and the test can be done automatically
- To carry the sample through moving the cylinder or automatically opening the top and bottom exhaust port (Highly resistant to pollution)
- The coating of test box is easy to clean and resistant to chemical corrosion
- Lock design is easy for one-time to close the door
- Accurate display of smoke transmittance and smoke density
- Preheating system of the chamber can accelerate the test and the accuracy is higher
- When the furnace pressure increased rapidly during the test, the security blasting and tablet system can ensure the safety of users
- Using MFC (mass flow controller) and DPT (pressure sensor) can improve the accuracy of pressure gauge and automatically let out the test
- Using heat time (ISO 5659) without water pipes, portable water cooling system can complete the test on their own
- In the ISO 5659 test, the load sensor can accurately measure the mass loss rate (Optional)
- Equipped with a DAQ data acquisition program

## Specifications

Models	SL-E662
Size	1,600(W) × 820(D) × 2,150(H)mm
Power	AC 220V, 50/60Hz, 15A
Weight	350kg
Instructions	Supply
Exhaust	50ℓ/s
Tools	Propane gas, pressure reducing valve