

## CAVITY BLACKBODY RADIATION SOURCES (HIGH TEMPERATURE TYPE)

- Adopt automatic temperature control mode, featuring fast heating rate and excellent temperature stability
- Emissivity is better than 0.995, with a cavity aperture diameter of 65mm, high temperature accuracy and excellent temperature uniformity
- Class 0.1 temperature controller with high accuracy



CBR-TC1200

### STANDARD DELIVERY

Main unit	1 pc
-----------	------

### SPECIFICATION

Code	CBR-TC700	CBR-TC1200
Temperature range	50°C~700°C	300°C~1200°C
Temperature resolution	0.01°C (at 50°C~100°C), other range 0.1°C	
Cavity	tubular	
Cavity aperture diameter	Ø65mm	
Emissivity	>0.995	
Temperature stability	≤(0.15°C or 0.15%·t, whichever is greater)/10min	
Temperature uniformity	≤(0.15°C or 0.15%·t, whichever is greater) (within 20mm central region) ≤0.4%·t (within 45mm central region)	
Control mode	class 0.1 temperature controller	
Power supply	AC220V, 50Hz	
Power	1.5kW	2.5kW
Operating environment	temperature: 0°C~45°C, humidity: ≤80%RH	
Dimension (L×W×H)	285×520×450mm	
Net weight	28kg	